

1/16/2020

DVP-200003

Director, Air Management Division Attention: A-3-3 U.S. Environmental Protection Agency 75 Hawthorne Street San Francisco, California 94105-3901

Subject: Desert View Power 4th Quarter, Quarterly Emission Report for 2019.

RE:

A-3-1

NSR 4-4-11

SE 87-01

Dear Sir:

In compliance with our permit, enclosed are the following:

- 1) 4th Quarter, Quarterly Emissions Report for 2019 for Desert View Power
  - Emissions summary reports for each permitted pollutant for our two boilers.
  - Excess emissions reports from each of our two CEMS.

This report covers the period from October 01, 2019 to December 30, 2019. 1If you have questions or comments, please feel free to call me at (916) 596-2503.

Sincerely,

Heath Hildebrand

Heath Hildebrand

Plant Manager Desert View Power

#### **Enclosure**

cc: Chief, Stationary Source Division

California Air Resources Board

P.O. Box 2815

Sacramento, CA 95814

Air Pollution Control Officer

Attention: Mr. David Jones, AQAC Supervisor

South Coast Air Quality Management District

21865 E. Copley Drive

Diamond Bar, CA 91765-4182

Air Division Director

U.S. Environmental Protection Agency

Attention: AIR-5

75 Hawthorne Street

San Francisco, California 94105-3901



## EMISSIONS SUMMARIES

### BOLLER #1

CO lb/hr

CO ppm

NOx lb/MMBtu

NOx lb/hr

NOx ppm

SOx lb/MMBtu.

SOx Ib/hr

SOx ppm

Opacity

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct. 1, 2019 to Dec. 31, 2019

Pollutant: CO

Emissions limitation(s): 13 lbs/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848 hr
Emission Summary<sup>1</sup>

- 1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown:

0.0 hr

- b. Control equipment problems:
- 0.0 hr

c. Process problems:

0.0 hr

d. Other known problems:

0.0 hr

e. Unknown problems:

- 0.0 hr
- 2. Total duration of excess emissions:
- 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction:
- 0.0 hr
- b. Non-monitor equipment malfunction:
- c. Quality assurance calibration:
- 0.0 hr 0.0 hr

d. Other known causes:

41.0 hr

e. Unknown causes:

0.0 hr

2. Total CMS downtime:

- 41.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.22%<sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
  - For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec. 31, 2019

Pollutant: CO

Emissions limitation(s): 231 ppm @ 3%  $O_2$ .

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary<sup>1</sup>

| 1 | . Duration | of | excess | emissions | in | reporting | period | due | to: |
|---|------------|----|--------|-----------|----|-----------|--------|-----|-----|
|   |            |    |        |           |    |           |        |     |     |

| a. | Startup/Shutdown:           | 0.0  hr |
|----|-----------------------------|---------|
| b. | Control equipment problems: | 0.0 hr  |
| C. | Process problems:           | 0.0 hr  |
| d. | Other known problems:       | 0.0 hr  |
| e. | Unknown problems:           | 0.0 hr  |

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

| a.    | Monitor equipment malfunction:     | 0.0  | hr |
|-------|------------------------------------|------|----|
| b.    | Non-monitor equipment malfunction: | 0.0  | hr |
| C.    | Quality assurance calibration:     | 0.0  | hr |
| d.    | Other known causes:                | 41.0 | hr |
| е.    | Unknown causes:                    | 0.0  | hr |
| Total | l CMS downtime:                    | 41.0 | hr |

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.22% <sup>2</sup>

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant:  $NO_{\times}$ 

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary<sup>1</sup>

| ⊥. | Duration | ΟÍ    | excess  | emissions | in | reporting | period | due | to: |
|----|----------|-------|---------|-----------|----|-----------|--------|-----|-----|
|    | a Star   | ctiir | \Shutda | 1.1n •    |    |           | o ha   |     |     |

a. Startup/Shutdown: h. Control equipment problems: 0.0 hr C. Process problems: 0.0 hr

d. Other known problems: 0.0 hr Unknown problems: 0.0 hr

2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.0%<sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

Monitor equipment malfunction: 0.0 hr b. Non-monitor equipment malfunction: 0.0 hr

Quality assurance calibration: 0.0 hr

Other known causes: d.

34.0 hr Unknown causes:  $0.0 \, \mathrm{hr}$ 

2. Total CMS downtime: 34.0 hr

(Total CMS downtime) / (Total source operating time) x3. (100%) = % of Total source operating time = 1.84%<sup>2</sup>

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NO<sub>x</sub>

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary<sup>1</sup>

| 1. | Duration | of | excess | emissions | in | reporting | period | due | to: |
|----|----------|----|--------|-----------|----|-----------|--------|-----|-----|
|    |          |    |        |           |    |           |        |     |     |

a. Startup/Shutdown:b. Control equipment problems:c. Process problems:0.0 hr0.0 hr

d. Other known problems: 1.0 hr

e. Unknown problems: 0.0 hr

2. Total duration of excess emissions: 1.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunction: 0.0 hr

b. Non-monitor equipment malfunction: 0.0 hr

c. Quality assurance calibration: 0.0 hr

d. Other known causes: 35.0 hr

e. Unknown causes: 0.0 hr

2. Total CMS downtime: 35.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.89% <sup>2</sup>

For opacity, record all times in minutes. For gases, record all times in hours.

2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NO<sub>x</sub>

Emissions limitation(s): 94 ppm @ 3% O<sub>2</sub>.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary<sup>1</sup>

| 1. | Duration | of | excess  | emissions | in | reporting | period | due | to: |
|----|----------|----|---------|-----------|----|-----------|--------|-----|-----|
|    | ~ :      |    | /~1 . 1 |           |    |           |        |     |     |

a. Startup/Shutdown: 0.0 hrb. Control equipment problems: 0.0 hr

c. Process problems:d. Other known problems:0.0 hr

e. Unknown problems: 0.0 hr

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunction: 0.0 hrb. Non-monitor equipment malfunction: 0.0 hr

of a second control of the second sec

c. Quality assurance calibration: 0.0 hr

d. Other known causes: 34.0 hr

e. Unknown causes: 0.0 hr

2. Total CMS downtime: 34.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time =1.89 % <sup>2</sup>

For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SOx

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

#### Emission Summary<sup>1</sup>

- 1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown:

0.0 hr

- b. Control equipment problems:
- 0.0 hr

c. Process problems:

0.0 hr

d. Other known problems:

0.0 hr

e. Unknown problems:

- 0.0 hr
- 2. Total duration of excess emissions:
- 0.0 hr
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
  - b. Non-monitor equipment malfunction: 0.

0.0 hr

- c. Quality assurance calibration:
- 0.0 hr

d. Other known causes:e. Unknown causes:

34.0 hr

2. Total CMS downtime:

- 0.0 hr 34.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.84% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SO<sub>x</sub>

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary<sup>1</sup>

- 1. Duration of excess emissions in reporting period due to:
  - Startup/Shutdown: a.

0.0 hr 0.0 hr

- Control equipment problems:
- 0.0 hr

Process problems:

0.0 hr

Other known problems:

Unknown problems:

- 0.0 hr
- 2. Total duration of excess emissions:
- 0.0 hr
- Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00%<sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - Monitor equipment malfunction:
    - 0.0 hr
  - Non-monitor equipment malfunction:
- 0.0 hr
- Quality assurance calibration: C. d. Other known causes:
- 0.0 hr

Unknown causes:

35.0 hr 0.0 hr

Total CMS downtime:

2.

- 35.0 hr
- (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.89 % <sup>2</sup>
- For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant:  $SO_{x}$ 

Emissions limitation(s): 27 ppm @ 3%  $O_2$ .

Monitor Manufacturer and Model No.: CAT

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary<sup>1</sup>

- 1. Duration of excess emissions in reporting period due to:
  - Startup/Shutdown:

0.0 hr

- h Control equipment problems:

0.0 hr

Process problems: C.

0.0 hr

d. Other known problems: 0.0 hr

Unknown problems:

- 0.0 hr
- 2. Total duration of excess emissions:
- 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% 2

#### CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - Monitor equipment malfunction: а.
- 0.0 hr
- b. Non-monitor equipment malfunction:
- 0.0 hr
- C. Quality assurance calibration:
- 0.0 hr

Other known causes:

34.0 hr

Unknown causes:

0.0 hr

Total CMS downtime: 2.

- 34.0 hr
- (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.84 % <sup>2</sup>

  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: Opacity

Emissions limitation(s): 10% 3-min period. 20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330

Opacity-Monitor Labs Inc.

LightHawk 560

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848 hr or

110,880 minutes

Emission Summary<sup>1</sup>

- Duration of excess emissions in reporting period due to:
  - Startup/Shutdown:

0 min

- Control equipment problems: b.
- 0 min

Process problems:

0 min

d. Other known problems:

0 min

Unknown problems:

- 0 min
- 2. Total duration of excess emissions:
- 3.
- 0 min
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

CMS Performance Summary 1

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction:

0 min

b. Non-monitor equipment malfunction:

0 min

c. Quality assurance calibration: 0 min

Other known causes: d. Unknown causes: е.

306 min 0 min

2. Total CMS downtime: 306 min

- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 0.2760% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

# EMISSIONS SUMMARIES

### BOILER #2

CO lb/hr

CO ppm

NOx lb/MMBtu

NOx lb/br

NOx ppm

SOx lb/MMBtu

SOx lb/hr

 $SOx\;ppm$ 

Opacity

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: CO

Emissions limitation(s): 13 lb/hr.

Monitor Manufacturer and Model No.: CAT

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr Emission Summary<sup>1</sup>

- Duration of excess emissions in reporting period due to: 1.
  - Startup/Shutdown:

- 0.0 hr
- Control equipment problems:
- 0.0 hr

Process problems: С.

0.0 hr

d. Other known problems: 0.0 hr

Unknown problems: е.

- 0.0 hr
- 2. Total duration of excess emissions:
- 0.0 hr
- Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00%<sup>2</sup>

CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - Monitor equipment malfunction: a.
- 0.0 hr
- Non-monitor equipment malfunction: b.
- 0.0 hr
- Quality assurance calibration:
- 0.0 hr

d. Other known causes: Unknown causes:

35.0 hr

0.0 hr

2. Total CMS downtime:

е.

- 35.0 hr
- (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.71% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
  - For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: CO

Emissions limitation(s): 231 ppm @ 3%  $O_2$ .

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary<sup>1</sup>

| 4  | _        | _           |         |           |        |                          |        |      |       |
|----|----------|-------------|---------|-----------|--------|--------------------------|--------|------|-------|
| 1  | Duration | $\sim$ f    | 0770000 | emissions | 2      | the second second second |        | 1    |       |
| ⊥. | Duration | $O_{\perp}$ | EXCESS  | emissions | . i ri | reporting                | neriod | 0110 | +0.   |
|    |          |             |         | OMEDDECTO |        | TOPOTCING                | PCIIOU | auc  | L O • |
|    |          |             |         |           |        |                          |        |      |       |

a. Startup/Shutdown:
b. Control equipment problems:
c. Process problems:
d. Other known problems:
0.0 hr
0.0 hr

Unknown problems: 0.0 hr

2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunction: 0.0 hr
b. Non-monitor equipment malfunction: 0.0 hr

c. Quality assurance calibration: 0.0 hrd. Other known causes: 31.0 hr

e. Unknown causes: 0.0 hr

2. Total CMS downtime: 31.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.51% <sup>2</sup>

For opacity, record all times in minutes. For gases, record all times in hours.

For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NOx

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary<sup>1</sup>

| 1 | . Duration | of excess  | emissions | in | reporting | period | due | to: |
|---|------------|------------|-----------|----|-----------|--------|-----|-----|
|   | a Sta      | rtun/Shutd | oun.      |    |           | )      |     |     |

- a. Startup/Shutdown:

  b. Control equipment problems:

  c. Process problems:

  d. Other known problems:

  e. Unknown problems:

  0.0 hr

  0.0 hr

  0.0 hr
- 2. Total duration of excess emissions: 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0%  $^{2}\,$

#### CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
  - o. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 26.0 hr
  - e. Unknown causes: 0.0 hr
- 2. Total CMS downtime: 26.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.27% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NOx

2.

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary<sup>1</sup>

| 1   | D        | _  |        |           |    |           |        |     |       |
|-----|----------|----|--------|-----------|----|-----------|--------|-----|-------|
| ⊥ . | Duration | ΟĪ | excess | emissions | in | reporting | period | due | t 0 • |
|     | - 01     |    | / 01 1 |           |    |           | POTTOG | auc | C .   |

a. Startup/Shutdown:

b. Control equipment problems:

c. Process problems:

0.0 hr

0.0 hr

c. Process problems:d. Other known problems:0.0 hr

e. Unknown problems: 0.0 hr
Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

- a. Monitor equipment malfunction: 0.0 hr
  b. Non-monitor equipment malfunction: 0.0 hr
- b. Non-monitor equipment malfunction: 0.0 hrc. Quality assurance calibration: 0.0 hr
- Quality assurance calibration: 0.0 hrd. Other known causes: 28.0 hr
- e. Unknown causes: 20.0 hr
- 2. Total CMS downtime: 28.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.37% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downsime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NO<sub>x</sub>

Emissions limitation(s): 94 ppm @ 3% O<sub>2</sub>.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary $^1$ 

| 1. | Duration | of excess | emissions | in | reporting | period | due | to: |
|----|----------|-----------|-----------|----|-----------|--------|-----|-----|
|    |          | / ~1      |           |    |           |        |     |     |

Startup/Shutdown: 0.0 hr b. Control equipment problems: 0.0 hr Process problems: 0.0 hr d. Other known problems: 0.0 hr

Unknown problems: 0.0 hr

2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.10% <sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

> Monitor equipment malfunction: 0.0 hr b. Non-monitor equipment malfunction: 0.0 hr

> С.

Quality assurance calibration: 0.0 hr

Other known causes: d. 26.0 hr

Unknown causes: 0.0 hr Total CMS downtime:

26.0 hr (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.27%<sup>2</sup>

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SO<sub>x</sub>

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary<sup>1</sup>

| 1 | - • | Duration | ΟÍ | excess | emissions | in | reporting | period | due | to: |
|---|-----|----------|----|--------|-----------|----|-----------|--------|-----|-----|

- a. Startup/Shutdown:

  b. Control equipment problems:

  c. Process problems:

  d. Other known problems:

  e. Unknown problems:

  0.0 hr

  0.0 hr
- 2. Total duration of excess emissions: 0.0 hr
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr
  - b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - d. Other known causes: 26.0 hr
- e. Unknown causes:

  7. Total CMS downtime:

  0.0 hr
  26.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.27% <sup>2</sup>
  - 1. For opacity, record all times in minutes. For gases, record all times in hours.

    2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SOx

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

 $0.0 \, \mathrm{hr}$ 

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary<sup>1</sup>

| 1. | Duration | of | excess | emissions | in | reporting | period | due | to: |
|----|----------|----|--------|-----------|----|-----------|--------|-----|-----|
|----|----------|----|--------|-----------|----|-----------|--------|-----|-----|

|    |                             | 4- | J 1    |
|----|-----------------------------|----|--------|
| a. | Startup/Shutdown:           |    | 0.0 hr |
| b. | Control equipment problems: |    | 0.0 hr |
| C. | Process problems:           |    | 0.0 hr |
| d. | Other known problems:       |    | 0.0 hr |
| е. | Unknown problems:           |    | 0.0 hr |

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00%<sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

Total duration of excess emissions:

- a. Monitor equipment malfunction: 0.0 hr
- b. Non-monitor equipment malfunction: 0.0 hr
- c. Quality assurance calibration: 0.0 hr
- d. Other known causes: 28.0 hr
- e. Unknown causes:

  2. Total CMS downtime:

  28.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.37% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SOx

2.

Emissions limitation(s): 27 ppm @ 3% O<sub>2</sub>.

Monitor Manufacturer and Model No.:

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary<sup>1</sup>

| 1. | Durat | cion | of  | excess   | emis | ssions | in   | reporting | pei | riod | due | to: |
|----|-------|------|-----|----------|------|--------|------|-----------|-----|------|-----|-----|
|    | a.    | Star | tup | )/Shutdo | own: |        |      |           | 0.0 |      |     |     |
|    | b.    | Cont | rol | equipm   | nent | proble | ems: | : (       | 0.0 | hr   |     |     |

Process problems: 0.0 hr d. Other known problems: 0.0 hr

Unknown problems: 0.0 hr Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction: 0.0 hr b. Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - Other known causes: d. 26.0 hr
  - Unknown causes:
- $0.0 \, \mathrm{hr}$ 2. Total CMS downtime: 26.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 1.27% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) chall be submitted. 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019 Pollutant: Opacity

Emissions limitation(s): 10% 3-min period. 20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330

Opacity-Monitor Labs Inc.

LightHawk 560

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr or 123,000 minutes

Emission Summary<sup>1</sup>

- 1. Duration of excess emissions in reporting period due to:
  - Startup/Shutdown:
- 0 min 0 min
- Control equipment problems: b.

Process problems:

0 min

d. Other known problems:

0 min

Unknown problems:

- 0 min
- Total duration of excess emissions:

- 0 min
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - Monitor equipment malfunction:
- 0 min
- b. Non-monitor equipment malfunction:
- 0 min
- Quality assurance calibration: C. d.

0 min 306 min

Other known causes: Unknown causes: е.

0 min

Total CMS downtime:

306 min

- (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.2488% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

### EMISSIONS DOWNTIME REPORT BOILER #1 CEMS

Colmac Energy
NOx ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter      | Start               | End      | Duration | Reason                              | Action   |
|----------------|---------------------|----------|----------|-------------------------------------|--|
| NOx ppm @3% O2 | 10/5/2019 11:00 PM  | 11:59 PM | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx ppm @3% O2 | 10/8/2019 8:00 PM   | 11:59 PM | 4 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx ppm @3% O2 | 10/9/2019 12:00 AM  | 12:59 AM | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx ppm @3% O2 | 10/27/2019 11:00 AM | 1:59 PM  | 3 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx ppm @3% O2 | 11/4/2019 10:00 PM  | 11:59 PM | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| NOx ppm @3% O2 | 11/5/2019 12:00 AM  | 1:59 AM  | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| NOx ppm @3% O2 | 11/8/2019 8:00 AM   | 8:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx ppm @3% O2 | 11/9/2019 5:00 AM   | 6:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx ppm @3% O2 | 11/23/2019 12:00 AM | 5:59 AM  | 6 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |

Total duration 22 hours

### Colmac Energy NOx lb/mmBtu CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter    | Start               | End      | Duration | Reason                              | Action   |
|--------------|---------------------|----------|----------|-------------------------------------|--|
| NOx lb/mmBtu | 10/5/2019 11:00 PM  | 11:59 PM | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx lb/mmBtu | 10/8/2019 8:00 PM   | 11:59 PM | 4 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx lb/mmBtu | 10/9/2019 12:00 AM  | 12:59 AM | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx lb/mmBtu | 10/27/2019 11:00 AM | 1:59 PM  | 3 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx lb/mmBtu | 11/4/2019 10:00 PM  | 11:59 PM | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| NOx lb/mmBtu | 11/5/2019 12:00 AM  | 1:59 AM  | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| NOx lb/mmBtu | 11/8/2019 8:00 AM   | 8:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx lb/mmBtu | 11/9/2019 5:00 AM   | 6:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx lb/mmBtu | 11/23/2019 12:00 AM | 5:59 AM  | 6 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |

Total duration

### Colmac Energy NOx lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter | Start               | End      | Duration | Reason                              | Action   |
|-----------|---------------------|----------|----------|-------------------------------------|--|
| NOx lb/hr | 11/4/2019 10:00 PM  | 11:59 PM | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| NOx lb/hr | 11/5/2019 12:00 AM  | 1:59 AM  | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| NOx lb/hr | 11/8/2019 8:00 AM   | 8:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx lb/hr | 11/9/2019 5:00 AM   | 6:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx lb/hr | 11/23/2019 12:00 AM | 7:59 AM  | 8 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx lb/hr | 12/5/2019 3:00 AM   | 3:59 AM  | 1 hour   | Boiler Offline                      |  |

Total duration

## Colmac Energy SO2 ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter      | Start               | End      | Duration | Reason                              | Action   |
|----------------|---------------------|----------|----------|-------------------------------------|--|
| SO2 ppm @3% O2 | 10/5/2019 11:00 PM  | 11:59 PM | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| SO2 ppm @3% O2 | 10/8/2019 8:00 PM   | 11:59 PM | 4 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| SO2 ppm @3% O2 | 10/9/2019 12:00 AM  | 12:59 AM | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| SO2 ppm @3% O2 | 10/27/2019 11:00 AM | 1:59 PM  | 3 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| SO2 ppm @3% O2 | 11/4/2019 10:00 PM  | 11:59 PM | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| SO2 ppm @3% O2 | 11/5/2019 12:00 AM  | 1:59 AM  | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| SO2 ppm @3% O2 | 11/8/2019 8:00 AM   | 8:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| SO2 ppm @3% O2 | 11/9/2019 5:00 AM   | 6:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| SO2 ppm @3% O2 | 11/23/2019 12:00 AM | 5:59 AM  | 6 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |

Total duration

#### Colmac Energy SO2 lb/mmBtu CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter    | Start               | End      | Duration | Reason                              | Action   |
|--------------|---------------------|----------|----------|-------------------------------------|--|
| SO2 lb/mmBtu | 10/5/2019 11:00 PM  | 11:59 PM | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| SO2 lb/mmBtu | 10/8/2019 8:00 PM   | 11:59 PM | 4 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| SO2 lb/mmBtu | 10/9/2019 12:00 AM  | 12:59 AM | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| SO2 lb/mmBtu | 10/27/2019 11:00 AM | 1:59 PM  | 3 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| SO2 lb/mmBtu | 11/4/2019 10:00 PM  | 11:59 PM | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| SO2 lb/mmBtu | 11/5/2019 12:00 AM  | 1:59 AM  | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| SO2 lb/mmBtu | 11/8/2019 8:00 AM   | 8:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| SO2 lb/mmBtu | 11/9/2019 5:00 AM   | 6:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| SO2 lb/mmBtu | 11/23/2019 12:00 AM | 5:59 AM  | 6 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |

Total duration 22 hours

#### Colmac Energy SO2 lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter | Start               | End      | Duration | Reason                              | Action   |
|-----------|---------------------|----------|----------|-------------------------------------|--|
| SO2 lb/hr | 11/4/2019 10:00 PM  | 11:59 PM | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| SO2 lb/hr | 11/5/2019 12:00 AM  | 1:59 AM  | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| SO2 lb/hr | 11/8/2019 8:00 AM   | 8:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| SO2 lb/hr | 11/9/2019 5:00 AM   | 6:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| SO2 lb/hr | 11/23/2019 12:00 AM | 7:59 AM  | 8 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| SO2 lb/hr | 12/5/2019 3:00 AM   | 3:59 AM  | 1 hour   | Boiler Offline                      |  |

Total duration

## Colmac Energy CO ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter     | Start               | End      | Duration | Reason                              | Action   |
|---------------|---------------------|----------|----------|-------------------------------------|--|
| CO ppm @3% O2 | 10/5/2019 11:00 PM  | 11:59 PM | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| CO ppm @3% O2 | 10/8/2019 8:00 PM   | 11:59 PM | 4 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| CO ppm @3% O2 | 10/9/2019 12:00 AM  | 12:59 AM | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| CO ppm @3% O2 | 10/27/2019 11:00 AM | 2:59 PM  | 4 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| CO ppm @3% O2 | 11/4/2019 10:00 PM  | 11:59 PM | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| CO ppm @3% O2 | 11/5/2019 12:00 AM  | 1:59 AM  | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| CO ppm @3% O2 | 11/8/2019 8:00 AM   | 8:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| CO ppm @3% O2 | 11/9/2019 5:00 AM   | 6:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| CO ppm @3% O2 | 11/23/2019 12:00 AM | 7:59 AM  | 8 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| CO ppm @3% O2 | 11/23/2019 9:00 AM  | 9:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |

Total duration

### Colmac Energy CO lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter | Start               | End      | Duration | Reason                              | Action   |
|-----------|---------------------|----------|----------|-------------------------------------|--|
| CO lb/hr  | 10/27/2019 2:00 PM  | 2:59 PM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| CO lb/hr  | 11/4/2019 10:00 PM  | 11:59 PM | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| CO lb/hr  | 11/5/2019 12:00 AM  | 1:59 AM  | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| CO lb/hr  | 11/8/2019 8:00 AM   | 8:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| CO lb/hr  | 11/9/2019 5:00 AM   | 6:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| CO lb/hr  | 11/23/2019 12:00 AM | 7:59 AM  | 8 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| CO lb/hr  | 11/23/2019 9:00 AM  | 9:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |

Total duration

### EMISSIONS DOWNTIME REPORT BOILER #2 CEMS

Colmac Energy
NOx ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter      | Start               | End      | Duration | Reason                              | Action                                     |
|----------------|---------------------|----------|----------|-------------------------------------|--|
| NOx ppm @3% O2 | 10/17/2019 7:00 PM  | 7:59 PM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| NOx ppm @3% O2 | 11/3/2019 6:00 AM   | 6:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| NOx ppm @3% O2 | 11/9/2019 3:00 PM   | 11:59 PM | 9 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| NOx ppm @3% O2 | 11/10/2019 12:00 AM | 12:59 PM | 13 hours | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| NOx ppm @3% O2 | 11/27/2019 1:00 AM  | 2:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |

### Colmac Energy NOx lb/mmBtu CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter    | Start               | End      | Duration | Reason                              | Action                                     |
|--------------|---------------------|----------|----------|-------------------------------------|--|
| NOx lb/mmBtu | 10/17/2019 7:00 PM  | 7:59 PM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| NOx lb/mmBtu | 11/3/2019 6:00 AM   | 6:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| NOx lb/mmBtu | 11/9/2019 3:00 PM   | 11:59 PM | 9 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| NOx lb/mmBtu | 11/10/2019 12:00 AM | 12:59 PM | 13 hours | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| NOx lb/mmBtu | 11/27/2019 1:00 AM  | 2:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |

## Colmac Energy NOx lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter | Start               | End      | Duration | Reason                              | Action   |
|-----------|---------------------|----------|----------|-------------------------------------|--|
| NOx lb/hr | 11/4/2019 10:00 PM  | 11:59 PM | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| NOx lb/hr | 11/5/2019 12:00 AM  | 1:59 AM  | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| NOx lb/hr | 11/9/2019 5:00 AM   | 6:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx lb/hr | 11/9/2019 3:00 PM   | 11:59 PM | 9 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx lb/hr | 11/10/2019 12:00 AM | 12:59 PM | 13 hours | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |

Total duration

Colmac Energy SO2 ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter      | Start               | End      | Duration | Reason                              | Action                                     |
|----------------|---------------------|----------|----------|-------------------------------------|--|
| SO2 ppm @3% O2 | 10/17/2019 7:00 PM  | 7:59 PM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| SO2 ppm @3% O2 | 11/3/2019 6:00 AM   | 6:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| SO2 ppm @3% O2 | 11/9/2019 3:00 PM   | 11:59 PM | 9 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| SO2 ppm @3% O2 | 11/10/2019 12:00 AM | 12:59 PM | 13 hours | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| SO2 ppm @3% O2 | 11/27/2019 1:00 AM  | 2:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |

#### Colmac Energy SO2 lb/mmBtu CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter    | Start               | End      | Duration | Reason                              | Action                                     |  |
|--------------|---------------------|----------|----------|-------------------------------------|--|--|
| SO2 lb/mmBtu | 10/17/2019 7:00 PM  | 7:59 PM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |  |
| SO2 lb/mmBtu | 11/3/2019 6:00 AM   | 6:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |  |
| SO2 lb/mmBtu | 11/9/2019 3:00 PM   | 11:59 PM | 9 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |  |
| SO2 lb/mmBtu | 11/10/2019 12:00 AM | 12:59 PM | 13 hours | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |  |
| SO2 lb/mmBtu | 11/27/2019 1:00 AM  | 2:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |  |

Total duration

26 hours

#### Colmac Energy SO2 lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter | Start               | End      | Duration | Reason                              | Action   |
|-----------|---------------------|----------|----------|-------------------------------------|--|
| SO2 lb/hr | 11/4/2019 10:00 PM  | 11:59 PM | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| SO2 lb/hr | 11/5/2019 12:00 AM  | 1:59 AM  | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| SO2 lb/hr | 11/9/2019 5:00 AM   | 6:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| SO2 lb/hr | 11/9/2019 3:00 PM   | 11:59 PM | 9 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| SO2 lb/hr | 11/10/2019 12:00 AM | 12:59 PM | 13 hours | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |

# Colmac Energy CO ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter     | Start               | End      | Duration | Reason                              | Action                                     |
|---------------|---------------------|----------|----------|-------------------------------------|--|
| CO ppm @3% O2 | 10/16/2019 1:00 PM  | 1:59 PM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| CO ppm @3% O2 | 10/17/2019 7:00 PM  | 8:59 PM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| CO ppm @3% O2 | 11/3/2019 6:00 AM   | 6:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| CO ppm @3% O2 | 11/9/2019 3:00 PM   | 11:59 PM | 9 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| CO ppm @3% O2 | 11/10/2019 12:00 AM | 12:59 PM | 13 hours | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| CO ppm @3% O2 | 11/10/2019 4:00 PM  | 4:59 PM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| CO ppm @3% O2 | 11/27/2019 1:00 AM  | 4:59 AM  | 4 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |

Total duration

# Colmac Energy CO lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter | Start               | End      | Duration | Reason                              | Action   |
|-----------|---------------------|----------|----------|-------------------------------------|--|
| CO lb/hr  | 10/16/2019 1:00 PM  | 1:59 PM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| CO lb/hr  | 10/17/2019 7:00 PM  | 8:59 PM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| CO lb/hr  | 11/3/2019 6:00 AM   | 6:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| CO lb/hr  | 11/4/2019 10:00 PM  | 11:59 PM | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| CO lb/hr  | 11/5/2019 12:00 AM  | 1:59 AM  | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| CO lb/hr  | 11/9/2019 5:00 AM   | 6:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| CO lb/hr  | 11/9/2019 3:00 PM   | 11:59 PM | 9 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| CO lb/hr  | 11/10/2019 12:00 AM | 12:59 PM | 13 hours | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| CO lb/hr  | 11/10/2019 4:00 PM  | 4:59 PM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| CO lb/hr  | 11/27/2019 3:00 AM  | 4:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |

Total duration

35 hours

## EMISSIONS DOWNTIME REPORT STACK CEMS

## **Boilers Stack CEMS Downtime**

# Colmac Energy Opacity % 6-Min Avg CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter           | eter Start End Duration Reason |          | Reason             | Action                              |  |
|---------------------|--------------------------------|----------|--------------------|-------------------------------------|--|
| Opacity % 6-Min Avg | 10/23/2019 9:36 PM             | 9:41 PM  | 6 minutes          | Not specified                       |  |
| Opacity % 6-Min Avg |                                |          | 1 hour, 30 minutes | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| Opacity % 6-Min Avg | 11/5/2019 12:06 AM             | 12:59 AM | 54 minutes         | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| Opacity % 6-Min Avg | 11/5/2019 1:06 AM              | 1:23 AM  | 18 minutes         | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| Opacity % 6-Min Avg | 11/9/2019 5:42 AM              | 5:59 AM  | 18 minutes         | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| Opacity % 6-Min Avg | 11/9/2019 6:06 AM              | 6:41 AM  | 36 minutes         | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| Opacity % 6-Min Avg | 12/5/2019 3:54 AM              | 3:59 AM  | 6 minutes          | Boiler Offline                      |  |
| Opacity % 6-Min Avg | 12/5/2019 2:06 PM              | 3:35 PM  | 1 hour, 30 minutes | STACK CALIBRATION                   | Calibration Complete                               |

Total duration

5 hours, 18 minutes

## EXCESS EMISSIONS REPORTS BOILER #1 CEMS

Colmac Energy
NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter | Start | End | Duration | Value | Min | Max | Limit | Reason | Action |  |
|-----------|-------|-----|----------|-------|-----|-----|-------|--------|--------|--|
|           |       |     |          |       |     |     |       |        |        |  |

Colmac Energy
NOx lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter | Start | End | Duration | Value | Min | Max | Limit | Reason | Action |
|-----------|-------|-----|----------|-------|-----|-----|-------|--------|--------|
|           |       |     |          |       |     |     |       |        |        |

Colmac Energy
NOx lb/hr 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter              | Start              | End     | Duration | Value | Min  | Max  | Limit | Reason                          | Action  |
|------------------------|--------------------|---------|----------|-------|------|------|-------|---------------------------------|---|
| NOx lb/hr 3-Hr Rolling | 12/11/2019 9:00 AM | 9:59 AM | 1 hour   | 31.0  | 31.0 | 31.0 | 30    | O2 wet analyzer inverter failed | E/I performed a single point calibrabration on the wet O2 |
| Total                  | duration           |         | 1 hour   |       |      |      |       |                                 |   |

Colmac Energy
NOx Ibs/day Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter | Start | End | Duration | Value | Min | Max | Limit | Reason | Action |  |
|-----------|-------|-----|----------|-------|-----|-----|-------|--------|--------|--|
|           |       |     |          |       |     |     |       |        |        |  |

Colmac Energy SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter | Start | End | Duration | Value | Min | Max | Limit | Reason | Action |  |
|-----------|-------|-----|----------|-------|-----|-----|-------|--------|--------|--|
|           |       |     |          |       |     |     |       |        |        |  |

Colmac Energy SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter Start End Duration Value Min Max Limit Reason Action |  |
|--|--|
|--|--|

Colmac Energy SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter | Start | End | Duration | Value | Min | Max | Limit | Reason | Action |
|-----------|-------|-----|----------|-------|-----|-----|-------|--------|--------|
|           |       |     |          |       |     |     |       |        |        |

Colmac Energy SO2 lb/hr 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter | Start | End | Duration | Value | Min | Max | Limit | Reason | Action |
|-----------|-------|-----|----------|-------|-----|-----|-------|--------|--------|
|           |       |     |          |       |     |     |       |        |        |

Colmac Energy

CO ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter    | Start | End | Duration | Value | Min | Max | Linaid | Danasa | A - 1' |
|--------------|-------|-----|----------|-------|-----|-----|--------|--------|--------|
| i didifictor | Start | End | Duration | Value | Min | Max | Limit  | Reason | Action |
|              |       |     |          |       |     |     |        |        |        |

Colmac Energy
CO lb/hr 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter | Start | End | Duration | Value | Min | Max | Limit | Reason | Action |
|-----------|-------|-----|----------|-------|-----|-----|-------|--------|--------|
|           |       |     |          |       |     |     |       |        |        |

## EXCESS EMISSIONS REPORTS BOILER #2 CEMS

Colmac Energy
NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

| _         |       | 1   | 5 ::     | 1/ 1  |     | 14  | 1.1   | D      | A -A!  |
|-----------|-------|-----|----------|-------|-----|-----|-------|--------|--------|
| Parameter | Start | End | Duration | Value | Min | Max | Limit | Reason | Action |
|           |       |     |          |       |     |     |       |        |        |

Colmac Energy
NOx lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter | Start | End | Duration | Value | Min | Max | Limit | Reason | Action |
|-----------|-------|-----|----------|-------|-----|-----|-------|--------|--------|
|           |       |     |          |       |     |     |       |        |        |

Colmac Energy
NOx lb/hr 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter | Start | End | Duration | Value | Min | Max | Limit | Reason | Action |  |
|-----------|-------|-----|----------|-------|-----|-----|-------|--------|--------|--|
|           |       |     |          |       |     |     |       |        |        |  |

Colmac Energy NOx lbs/day Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter Star | art ⊑nu | Duration | Value | Min | Max | Limit | Reason | Action |
|----------------|---------|----------|-------|-----|-----|-------|--------|--------|

Colmac Energy SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

| •         |       |     |          |       |     |     |       |        |        |  |
|-----------|-------|-----|----------|-------|-----|-----|-------|--------|--------|--|
| Parameter | Start | End | Duration | Value | Min | Max | Limit | Reason | Action |  |
|           |       |     |          |       |     |     |       |        |        |  |

Colmac Energy SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter | Start | End | Duration | Value | Min | Max | Limit | Reason | Action |
|-----------|-------|-----|----------|-------|-----|-----|-------|--------|--------|
|           |       |     |          |       |     |     |       |        |        |
|           |       |     |          |       |     |     |       |        |        |

Colmac Energy SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter | Start | End | Duration | Value | Min | Max | Limit | Reason | Action |
|-----------|-------|-----|----------|-------|-----|-----|-------|--------|--------|
|           |       |     |          |       |     |     |       |        |        |

Colmac Energy SO2 lb/hr 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter | Start | End | Duration | Value | Min | Max | Limit | Reason  | Action |
|-----------|-------|-----|----------|-------|-----|-----|-------|---------|--------|
|           |       |     |          |       |     |     |       | rtoabon | AGROTI |
|           |       |     |          |       |     |     |       |         |        |

Colmac Energy
CO ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter | Start | End | Duration | Value | Min | Max | Limit | Reason | Action |  |
|-----------|-------|-----|----------|-------|-----|-----|-------|--------|--------|--|
|           |       |     |          |       |     |     |       |        |        |  |

Colmac Energy
CO lb/hr 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter      | Start | End  | Duration | Value | Min    | May | Limit  | Posson | Action |
|----------------|-------|------|----------|-------|--------|-----|--------|--------|--------|
| T di di liotoi | Otari | Litu | Duration | value | IVIIII | Max | LITTIL | Reason | Action |
|                |       |      |          |       |        |     |        |        |        |

# EXCESS EMISSIONS REPORTS STACK CEMS

## **Boilers Stack Excess Emissions**

Colmac Energy
Opacity % 3-Min Avg Excess Emissions for 10/1/2019 thru 12/31/2019

| Doromotor | Ctort |     | Dunation | \ / - l | A 41 | A 4 | 1     | _        |           |
|-----------|-------|-----|----------|---------|------|-----|-------|----------|-----------|
| Parameter | Start | ⊏na | Duration | Value   | Min  | Max | Limit | Reason   | Action    |
|           |       |     |          |         |      |     |       | 11000011 | 7 (01/01) |
|           |       |     |          |         |      |     |       |          |           |

## **Boilers Stack Excess Emissions**

Colmac Energy
Opacity % 6-Min Avg Excess Emissions for 10/1/2019 thru 12/31/2019

| Parameter | Start | End | Duration | Value | Min | Max | Limit | Reason | Action |
|-----------|-------|-----|----------|-------|-----|-----|-------|--------|--------|
|           |       |     |          |       |     |     |       |        |        |



South Coast Air Quality Management District

#### Form 500-N

**Title V - Deviations, Emergencies & Breakdowns**\*This written report is <u>in addition to requirements</u> to verbally report certain types of incidents. Verbal reports may be made by calling AQMD at 1-800-288-7664 (1-800-CUT-SMOG) or AQMD enforcement personnel.

Mail To: SCAQMD P.O. Box 4941 Diamond Bar, CA 91765-0941

Tel: (909) 396-3385 www.aqmd.gov

| Section     | on I - Operator I                        | nformation  |   |                        |  |   |  |  |  |
|-------------|--|---|---|------------------------|--|---|--|--|--|
| 1. Fac      | ility Name (Business I                   | Name of Operator That Appears On Pe               | ermit):   |                        |  | le On Permit Or Invoice Issued By   |  |  |  |
| De          | esert View Pow                           | /er   |   | AQMI                   | ):<br>   | 100154  |  |  |  |
|             |  | 00.000.0  |   |                        |  |   |  |  |  |
| 3. Add      | Iress:<br>ere incident occurred)         | 62-300 Gene Welmas D                              |   | Street Address         |  | · · · · · · · · · · · · · · · · · · ·   |  |  |  |
| /44110      | sie incluent occurred)                   | Mecca   | `   | Sileet Address         | CA   | 92254   |  |  |  |
|             |  | Mecca   | City  |                        | State  | 92254<br>Zip  |  |  |  |
| 4 Mail      | ing Address:                             | Same As Above                                     | •   |                        |  | - <b>.</b>  |  |  |  |
|             | fferent from Item 3)                     |   | 5   | Street Address         | 77.7   | · ····································  |  |  |  |
| 5. Prov     | vide the name, title, a                  | and phone number of the person to o               | City<br>contact for further informati   | on:                    | State  | Zip   |  |  |  |
|             | Ke                                       | vin Lawrence                                      | Operation   | ons Manager            | (760)  | ) 262-1644  |  |  |  |
|             |  | Name  |   | Title                  |  | Phone #   |  |  |  |
|             |  | of Breakdowns, Deviations,                        | and Emergencies   |                        |  |   |  |  |  |
|             | written notification i                   | is to report a(n):                                |   |                        |  |   |  |  |  |
| Тур         | e of Incident                            |   | Verbal Report Due*  |                        | Written Report Due   |   |  |  |  |
| a. [        | Emergency under                          | Rule 3002(g)                                      | Within 1 hour of discover   | у                      | Within 2 working days from when the emission limit was exceeded. |   |  |  |  |
| b. [        | Breakdown under:                         | :   | F D 1 400 0 0004 11   |                        |  | Within 7 calendar days after  |  |  |  |
|             | Rule 430 (No                             | •   | For Rules 430 & 2004 - V discovery.   | Vithin 1 hour of       |  | reakdown is corrected, but no later than 30 days from<br>tart of the breakdown, unless a written extension is |  |  |  |
|             | Rule 2004 (R                             |   | For Rule 218 - Within 24  | hours or next business | granted.   |   |  |  |  |
|             | Rule 218 (No<br>[See Rule 218            |   | day for failure/shutdown e  |                        | For Rule 218 - With requ   | uired semi-annual reports.  |  |  |  |
| c. [        | Deviation with exc<br>[See Title V Permi | ess emissions<br>t, Section K, Condition No. 22B] | Within 72 hours of discov<br>shorter reporting period if<br>applicable State or Feder | required by an         | Within 14 days of discou   | Within 14 days of discovery of the deviation.   |  |  |  |
| d. [        | Other Deviation<br>[See Title V Permi    | t, Section K, Condition Nos. 22D & 23]            | None  |                        | With required semi-annual monitoring reports.                    |   |  |  |  |
| 2. The      | incident was first dis                   | covered by: Louie Lopez                           | Name  | on                     | 12/11/2019<br>Date   | 10:00   |  |  |  |
|             |  | Operator #7                                       | Hanc  |                        |  | 40.40   |  |  |  |
| 3. The      | incident was first rep                   | orted by: Operator #7 Name                        | of AQMD Staff Person  | on                     | 12/11/2019<br>Date   | 10:16   |  |  |  |
| a. (        | Via Phone                                |   |   |                        | - 11.5   | <b>1</b>  |  |  |  |
| Ь. (        | In Person                                |   |   | Notification Number    | (Required): 590901   | 790,0000.0  |  |  |  |
| 4. Whe      | n did the incident ac                    | tually occur? 12/11/201<br>Date                   | 9 10:00<br>Time   | _ © AM<br>C PM         |  |   |  |  |  |
| 1 4 2       | Received By:                             |   | Assigned By:  |                        | Inspector:   |   |  |  |  |
|             | Date/Time Received:                      |   | Date/Time Assigned:   |                        | Date/Time Recei  | ived Assignment:  |  |  |  |
| AQMD        | Date Delivered To Te                     | eam:  | Date Reviewed Inspector R   | Report:                | Date Inspected F   | Date Inspected Facility:  |  |  |  |
| USE<br>ONLY | Team:                                    | Sector:   | Breakdown/Deviation Notifi  | cation No.             | Date Completed   | Date Completed Report:  |  |  |  |
|             | Recommended Actio                        | n: Cancel Notification Gra                        | nt Relief Issue NOV No  | )                      | Other:   |   |  |  |  |
|             | Final Action:                            | Cancel Notification Gra                           | nt Relief Issue NOV No  | 3                      | Other:   |   |  |  |  |

| B. Describe the incident and identify each piece of equipment (by permit, application, or device number) effected. Attach photos when available) of the effected equipment and attach additional pages as necessary.  U1 CEM vert into call at 07.40. Upon completion of the call U1 CEM failed O2 wet calibration. The E/I tech took U1 CEM out of service to perform a single point call on the O2 wet. U1 did not comeback out of call until 09:00. This elevated the hour average.  Phe inded may have resulted in a: a  |            |  |   |   |                                       |                          |              |
|--|------------|--|---|---|---------------------------------------|--------------------------|--------------|
| Date    Date   D | 5.         | Has the incident stopped? a.  Yes, on:   | 12/11/2019                              | 11:00                                   | ♠ AM                                  | b. ○ No                  |              |
| Section 11 of the incident result in excess emissions? Now and excess emissions? On the correction the section that emission such as the facility operating complete the incident and exeminate such as the facility operating complete the section of the call UT CEM facilities and the facilities of the facility of the section of the call UT CEM facilities.  2. The incident may have resulted in a:  a. [St. Volation of Framit Condition(s):  5. The incident may have resulted in a:  a. [St. Volation of Framit Condition(s):  5. The incident may have resulted in a:  a. [St. Volation of Framit Condition(s):  5. The incident may have resulted in a:  a. [St. Volation of Framit Condition(s):  5. The incident may have resulted in a:  a. [St. Volation of Framit Condition(s):  6. [PM Parmit CB-OP 99-01 II.A.15]  6. [PM Parmit CB-OP 99-01 II.A.15]  7. [PM Parmit CB-OP 99-01 II.A.15]  7. [PM Parmit CB-OP 99-01 II.A.15]  8. [PM Parmit CB-OP 99-01 II.A.15]  8. [PM Parmit CB-OP 99-01 II.A.15]  8. [PM Parmit CB-OP 99-01 II.A.15]  9.  |            |  | Date                                    | Time                                    |                                       |                          |              |
| 7. For explorent with an operating cycle, as defined in Rule 430 (pk)(s)(s), when was the end of the operating cycle during which the Indetent accurators?  8. Describe the incident and identify each piece of equipment by permit, epitication, or device number) affected. Altach photos (when available) of the affected equipment and after additional pages as necessary.  10 CEM worth into call at O7-40. Upon completion of the call U1 CEM failed O2 wet calibration. The E7 tech took U1 CEM out of service to perform a single point call on the O2 wet. U1 did not comeback out of call until 09:00. This elevated the hour avarrage.  The incident may have resulted in a:  a. (EV) violation of Neumi Conditions):  EPA Permit CB-OP 99-01 II.A.15  b. (Violation of Neumi Conditions):  EPA Permit CB-OP 99-01 II.A.15  b. (Violation of Neumi Conditions):  EPA Permit CB-OP 99-01 II.A.15  b. (Violation of Neumi Conditions):  EPA Permit CB-OP 99-01 II.A.15  b. (Violation of Neumi Conditions):  (What was the probable cause of the incident? Attach additional pages as necessary.  High NOx readings after U1 CEM came out of daily calibration. U1 CEM failed the O2 wet and because of this there was less data to use for hour ending 09:00. That elevated that hour's average to 36.44. The 3 hour average is 30.0 lbs/fr.  11. Did the incident result in access emissions? (**No.**) **No.**    Voo   | 6.         | What was the total duration of the incident?   |   |   |                                       |                          |              |
| when was the end of the operating cycle during which be incident occurred?  8. Describe this incident and identify each piace of equipment (by permit, application, or dovice number) affords. Attach photos (when available) of the sericice of equipment of the call U1 CEM failed O2 wet callibration. The E/I stech took U1 CEM out of service to perform a single point call on the O2 wet, U1 did not comeback out of cal until 09:00. This elevated the hour average.  9. The incident may have resulted in a:  1. EPA Permit CB-OP 99-01 II.A.15  1. United the incident result in scales of the incident? Attach additional pages as necessary.  1. High NOx readings after U1 CEM came out of daily calibration. U1 CEM failed the O2 wet and because of the incident? Attach additional pages as necessary.  1. Did the incident result in scrass emissions? No © Yes (Conglete the following and attach calculations.)  1. Did the incident result in scrass emissions? No © Yes (Conglete the following and attach calculations.)  1. Did the incident result in scrass emissions? No © Yes (Conglete the following and attach calculations.)  1. Did the incident result in scrass emissions? No © Yes (Conglete the following and attach calculations.)  1. Did the incident result in scrass emissions? No © Yes (Conglete the following and attach calculations.)  1. Did the incident result in scrass emissions? No © Yes (Conglete the following and attach calculations.)  1. Did the incident result in scrass emissions? No © Yes (Conglete the following and attach calculations.)  1. Did the incident result in scrass emissions?  1. Yes © No No © No   | ,          | Ear aguinment with an operating evals an define  | ,                                       | Hours                                   |                                       |                          |              |
| 8. Describe the finicidant and identify such piece of equipment (by permit, application, or device number) affected. Attach photos (when available) of the affected equipment and attach additional pages as necessary.  UT CEM went into call at 07.40. Upon completion of the call UT CEM failed 0.2 wet calibration. The E/I tech took UT CEM out of service to perform a single point call on the 0.2 wet. UT did not comeback out of call until 09:00. This elevated the hour average.  9. The incident may have resulted in a:  a. EV Notistion of Plemit Condison(b):  b. □ Vototion of ACMD Rule(c):  10. What was the probable cause of the incident? Attach additional pages as necessary.  High NOx readings after UT CEM came out of daily calibration. UT CEM failed the 0.2 wet and because of this there was less data to use for hour ending 08:00. That elevated that hour's average to 36.44. The 3 hour average is 30.0 lbs/hr.  11. Did the incident result in excess emissions? \(^{1} \text{ \infty} \) \(^{1  | <b> </b> ' | when was the end of the operating cycle during v   | which the incident occurred?            |   | )                                     | . <u> </u>               | _            |
| Service to perform a single point call on the Q2 wet. U1 did not comeback out of call until 09:00. This elevated the hour average.  The incident may have resulted in a:  a  | 8.         | Describe the incident and identify each piece of equipment and attach additional pages as necess | equipment (by permit, application sary. | pate<br>, or device number) affected. A | ttach photos (wh                      | en available) of the aff | ected Carpin |
| 9. The incident may have resulted in a:  a   |            | U1 CEM went into cal at 07:40. Upon  | completion of the cal U1 C              | CEM failed O2 wet calibra               | ation. The E/I                        | tech took U1 CEN         | A out of     |
| EPA Permit CB-OP 99-01 III.A.15  b.  |            |  | the O2 wet. U1 did not c                | omeback out of cal until                | 09:00. This el                        | evated the hour a        | verage.      |
| 10. What was the probable cause of the incident? Attach additional pages as necessary.  High NOx readings after U1 CEM came out of daily calibration. U1 CEM failed the O2 wet and because of this there was less data to use for hour ending 09:00. That elevated that hour's average to 36.44. The 3 hour average is 30.0 lbs/hr.  11. Did the incident result in excess emissions? No © Yes (Complete the following and attach calculations.)    VOC  | 9.         | ED   | A Permit CB-OP 99-01                    | II.A.15                                 |                                       |                          |              |
| High NOx readings after U1 CEM came out of daily calibration. U1 CEM failed the O2 wet and because of this there was less data to use for hour ending 09:00. That elevated that hour's average to 36.44. The 3 hour average is 30.0 lbs/hr.  11. Did the incident result in excess emissions? \(^\text{No}\) \(^\text{Cytes (Comptlete the following and attach calculations.)}\)  \[ \text{UNC}\] \text{UNC}\] \[ \text{Ibs}\] \[ \text{No}\] \\ \text{No}\] \[ \text{No}\] \\ \text{No}\] \[ \text{No}\] \\ \text{No}\] \\ \text{No}\] \[ \text{No}\] \\ \text{No}\] \[ \text{No}\] \\ N       |            | b. Uviolation of AQMD Rule(s):   |   |   |                                       |                          |              |
| data to use for hour ending 09:00. That elevated that hour's average to 36.44. The 3 hour average is 30.0 lbs/hr.    11. Did the incident result in excess emissions?  | 10.        | What was the probable cause of the incident? At  | tach additional pages as necessa        |   |                                       |                          |              |
| 11. Did the incident result in excess emissions? No Pec (Complete the following and attach calculations.)    VOC   |            |  |   |   |                                       |                          | is less      |
| Voc  |            | data to use for hour ending 09:00. That  | at elevated that hour's ave             | erage to 36.44. The 3 hou               | ır average is                         | 30.0 lbs/hr.             |              |
| Co   | 11.        | Did the incident result in excess emissions?   | No Yes (Complete the fo                 | llowing and attach calculations.)       |                                       |                          |              |
| 12. For RECLAM facilities Subject to Rule 2004 (R/S) ONL Y: If excess emissions of NOx and/or SOx were reported in Item 11, do you went these emissions to be counted when determining compliance with your annual allocations?  a. C Yes, for:  |            | □ VOCibs ⊠   | NOx                                     | □ SOx                                   | lbs                                   | ☐ H2S                    | lbs          |
| 12. For RECLAM facilities Subject to Rule 2004 (R/S) ONL Y: If excess emissions of NOx and/or SOx were reported in Item 11, do you went these emissions to be counted when determining compliance with your annual allocations?  a. C Yes, for:  |            |  | PMlbs                                   | Other:                                  | lbs                                   |                          | pollutant    |
| If box 12(b) above is checked, include all information specified in Rule 2004(i)(3)(B) and (C), as applicable.  13. Describe the steps taken to correct the problem (i.e., steps taken to mitigate excess emissions, equipment repairs, etc.) and the preventative measures employed to avoid future incidents. Include photos of the failed equipment if available and attach additional pages as necessary.  After U1 CEM failed Q2 wet our E/I tech performed a single point Q2 calibration. Once out of call the control room operator aised ammonia flow to lower 3-hr average.  14. Was the facility operating properly prior to the incident?  a. © Yes   | 12.        | For RECLAIM facilities Subject to Rule 2004 (1)(3)   | ONLY: If excess emissions of NO         |   |                                       |                          |              |
| 13. Describe the steps taken to correct the problem (i.e., steps taken to mitigate excess emissions, equipment repairs, etc.) and the preventative measures employed to avoid future incidents, include photos of the failed equipment if available and attach additional pages as necessary.  After U1 CEM failed O2 wet our E/I tech performed a single point O2 calibration. Once out of cal the control room operator aised ammonia flow to lower 3-hr average.  14. Was the facility operating properly prior to the incident?  a. © Yes b. © No, because:  15. Did the incident result from operator error, neglect or improper operation or maintenance procedures?  a. © Yes b. © No, because: It was an equipment breakdown when the wet O2 failed calibration.  16. Has the facility returned to compliance?  a. © No, because:  b. © Yes (Attach evidence such as emissions calculations, contemporaneous operating logs or other credible evidence.)  Section III - Certification Statement  Lertify under penalty of law that based on information and belief formed after reasonable inquiry, the statements and information in this document and in all attachments and other materials are true, accurate, and complete.  For Title V Facilities ONLY:  A lates contract the problem of the proble |            | a. C Yes, for: NOx Sox b.  | ○ No, for: NOx SOx                      |   |                                       |                          |              |
| avoid future incidents. Include photos of the failed equipment if available and attach additional pages as necessary.  After U1 CEM failed O2 wet our E/I tech performed a single point O2 calibration. Once out of cal the control room operator aised ammonia flow to lower 3-hr average.  14. Was the facility operating properly prior to the incident?  a. © Yes b. © No, because:  15. Did the incident result from operator error, neglect or improper operation or maintenance procedures?  a. ○ Yes b. © No, because:  It was an equipment breakdown when the wet O2 failed calibration.  16. Has the facility returned to compliance?  a. ○ No, because:  b. © Yes (Attach evidence such as emissions calculations, contemporaneous operating logs or other credible evidence.)  Section III - Certification Statement  Lectify under penalty of law that based on information and belief formed after reasonable inquiry, the statements and information in this document and in all attachments and other materials are true, accurate, and complete.  For Title V Facilities ONLY:    I also certify under penalty of law that based on information and belief formed after reasonable inquiry, the statements and information in this document and in all attachments and other materials are true, accurate, and complete.  For Title V Facilities ONLY:    I also certify under penalty of law that I am the responsible official for this facility as defined in AQMD Regulation XXX.  2. Title of Responsible Official:  Plant Manager  4. Date:  Heath Hildebrand  12/11/2019  5. Phone #.    (760) 262-1600  7. Address of Responsible Official:    G2-300 Gene Welmas Dr.   Mecca CA 92254  |            |  | • |   |                                       |                          |              |
| a ised ammonia flow to lower 3-hr average.  14. Was the facility operating property prior to the incident?  a.  Yes b. No, because:  15. Did the incident result from operator error, neglect or improper operation or maintenance procedures?  a.  Yes b. No, because:  It was an equipment breakdown when the wet O2 failed calibration.  16. Has the facility returned to compliance?  a. No, because:  b. Yes (Attach evidence such as emissions calculations, contemporaneous operating logs or other credible evidence.)  Section III - Certification Statement  1 certify under penalty of law that based on information and belief formed after reasonable inquiry, the statements and information in this document and in all attachments and other materials are true, accurate, and complete.  For Title V Facilities ONLY: It is a lates certify under penalty of law that I am the responsible official for this facility as defined in AQMD Regulation XXX.  1. Signature of Responsible Official:  Health Hildebrand  2. Title of Responsible Official:  Plant Manager  4. Dete:  Health Hildebrand  6. Fax #.  (760) 262-1600  7. Address of Responsible Official:  Mecca CA 92254   | 13.        | avoid future incidents. Include photos of the failed   | d equipment if available and attac      | ch additional pages as necessar         | у.                                    |                          | •            |
| 14. Was the facility operating properly prior to the incident?  a.   |            |  |   | t O2 calibration. Once or               | it of cal the c                       | ontrol room opera        | tor          |
| a. © Yes b. C No, because:  15. Did the incident result from operator error, neglect or improper operation or maintenance procedures?  a. C Yes b. © No, because:  It was an equipment breakdown when the wet O2 failed calibration.  16. Has the facility returned to compliance?  a. C No, because:  b. © Yes (Attach evidence such as emissions calculations, contemporaneous operating logs or other credible evidence.)  Section III - Certification Statement  1 certify under penalty of law that based on information and belief formed after reasonable inquiry, the statements and information in this document and in all attachments and other materials are true, accurate, and complete.  For Title V Facilifies ONLY:  A Lalso certify under penalty of law that based on information and belief formed after reasonable inquiry, the statements and information in this document and in all attachments and other materials are true, accurate, and complete.  For Title V Facilifies ONLY:  A Lalso certify under penalty of law that I am the responsible official for this facility as defined in AQMD Regulation XXX.  2. Title of Responsible Official:  Plant Manager  4. Date:  Heath Hildebrand  12/11/2019  5. Phone #:  (760) 262-1600  7. Address of Responsible Official:  Mecca CA 92254  | 14.        |  |   |   |                                       |                          |              |
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| a. C Yes b. © No, because:  It was an equipment breakdown when the wet O2 failed calibration.  16. Has the facility returned to compliance?  a. C No, because:  b. © Yes (Attach evidence such as emissions calculations, contemporaneous operating logs or other credible evidence.)  Section III - Certification Statement  I certify under penalty of law that based on information and belief formed after reasonable inquiry, the statements and information in this document and in all attachments and other materials are true, accurate, and complete.  For Title V Facilities ONLY:  I also certify under penalty of law that that I am the responsible official for this facility as defined in AQMD Regulation XXX.  1. Signature of Responsible Official:  Plant Manager  4. Date:  Heath Hildebrand  12/11/2019  5. Phone #:  (760) 262-1600  7. Address of Responsible Official:  62-300 Gene Welmas Dr.  Mecca CA 92254  | 15.        | Did the incident result from operator error, neglec  | t or improper operation or maintr       | enance procedures?                      |                                       |                          |              |
| 16. Has the facility returned to compliance?  a. ○ No, because:  b. ② Yes (Attach evidence such as emissions calculations, contemporaneous operating logs or other credible evidence.)  Section III - Certification Statement  I certify under penalty of law that based on information and belief formed after reasonable inquiry, the statements and information in this document and in all attachments and other materials are true, accurate, and complete.  For Title V Facilities ONLY: ☑ Lalso certify under penalty of law that that I am the responsible official for this facility as defined in AQMD Regulation XXX.  1. Signature of Responsible official:  2. Title of Responsible Official:  Plant Manager  4. Date:  Heath Hildebrand  12/11/2019  5. Phone #:  (760) 262-1600  7. Address of Responsible Official:  62-300 Gene Welmas Dr.  Mecca CA 92254  |            |  |   |   | ailed calibra                         | tion                     |              |
| a. No, because: b. Yes (Attach evidence such as emissions calculations, contemporaneous operating logs or other credible evidence.)  Section III - Certification Statement  I certify under penalty of law that based on information and belief formed after reasonable inquiry, the statements and information in this document and in all attachments and other materials are true, accurate, and complete.  For Title V Facilities ONLY: It also certify under penalty of law that that I am the responsible official for this facility as defined in AQMD Regulation XXX.  1. Signature of Responsible Official:  Plant Manager  4. Date:  Heath Hildebrand  12/11/2019  5. Phone #:  (760) 262-1600  7. Address of Responsible Official:  Mecca CA 92254  | 16.        |  |   |   | anou oundru                           |                          |              |
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| 1. Signature of Responsible Official:  Plant Manager  3. Print Name:  Heath Hildebrand  5. Phone #:  (760) 262-1600  7. Address of Responsible Official:  62-300 Gene Welmas Dr.  Plant Manager  12/11/2019  6. Fax #:  Mecca  CA  92254   | and        | other materials are true, accurate, and complete.  | . /                                     | oro inquiry, the statements that        | inoimizion ni (ii                     | 5 document and it as i   | attacimionts |
| Plant Manager  3. Frint Name:  Heath Hildebrand  12/11/2019  5. Phone #:  (760) 262-1600  7. Address of Responsible Official:  62-300 Gene Welmas Dr.  Mecca  CA  92254  | For        | Title V Facilities ONLY: 🔀 Laiso certify under p   | penalty of law that that I am the ro    | esponsible official for this facilit    | y as defined in A                     | QMD Regulation XXX.      |              |
| 3. Frin Name:  Heath Hildebrand  12/11/2019  5. Phone #:  (760) 262-1600  7. Address of Responsible Official:  62-300 Gene Welmas Dr.  Mecca  CA  92254  | 1. S       | ignature of Responsible Official:  | / // 2                                  | . Title of Responsible Official:        |                                       |                          |              |
| Heath Hildebrand 12/11/2019  5. Phone #: 6. Fax #: (760) 262-1600  7. Address of Responsible Official: 62-300 Gene Welmas Dr. Mecca CA 92254   |            | Nut of L   | _/                                      |   | Plant Manag                           | ger                      |              |
| Heath Hildebrand 12/11/2019  5. Phone #: 6. Fax #: (760) 262-1600  7. Address of Responsible Official: 62-300 Gene Welmas Dr. Mecca CA 92254   | 3. P       | rint Name:   | 4                                       | . Date:                                 |                                       |                          |              |
| (760) 262-1600  7. Address of Responsible Official: 62-300 Gene Welmas Dr. Mecca CA 92254  |            | •  | 4                                       |   | 12/11/2019                            |                          |              |
| 7. Address of Responsible Official: 62-300 Gene Welmas Dr. Mecca CA 92254  | 5. Pl      | none #.  | 6                                       | i. Fax #.                               |                                       |                          |              |
| 7. Address of Responsible Official: 62-300 Gene Welmas Dr. Mecca CA 92254  |            | (760) 262-1600   | İ                                       |   |                                       |                          |              |
| 62-300 Gene Welmas Dr. Mecca CA 92254  | 7. At      |  |   |   |                                       |                          |              |
|  |            | •  | Dr.                                     | Mecca                                   | CA                                    | 92254                    |              |
|  | Stree      |  |   | mood                                    |                                       |                          |              |

# Colmac Energy Mecca, CA

# Boiler 1 Daily Emissions Report December 11, 2019

**Emission Limits** 

Daily NOx lbs- 648 30-Day Rolling NOx lb/mmBtu - 0.3 SO2 lb/mmBtu - 1.2

| Hour  | 02%   | NOx ppm | NOx ppm<br>@3% O2 | NOx<br>lb/mmBtu | NOx lbs | SO2 ppm | SO2 ppm<br>@3% O2 | SO2<br>lb/mmBtu | SO2 lbs        | CO ppm | CO ppm<br>@3% O2 | CO<br>lb/mmBtu | CO lbs | Process<br>Status |
|---|-------|---------|-------------------|-----------------|---------|---------|-------------------|-----------------|----------------|--------|------------------|----------------|--------|-------------------|
| 00  | 8.8   | 46.0    | 68.0              | 0.095           | 26.13   | 12.1    | 17.9              | 0.035           | 9.51           | 10.1   | 14.9             | 0.013          | 3.48   | Normal            |
| 01  | 8.7   | 50.2    | 73.7              | 0.103           | 28.73   | 13.6    | 20.0              | 0.039           | 10.84          | 10.5   | 15.4             | 0.013          | 3.64   | Normal            |
| 02  | 8.8   | 43.6    | 64.5              | 0.090           | 24.82   | 8.5     | 12.6              | 0.024           | 6.70           | 10.0   | 14.8             | 0.013          | 3.47   | Normal            |
| 03  | 9.0   | 44.4    | 66.8              | 0.093           | 24.82   | 10.1    | 15.2              | 0.029           | 7.88           | 10.0   | 15.0             | 0.013          | 3.40   | Normal            |
| 04  | 8.8   | 47.0    | 69.5              | 0.097           | 26.62   | 12.5    | 18.5              | 0.036           | 9.85           | 10.0   | 14.8             | 0.013          | 3.44   | Normal            |
| 05  | 8.7   | 48.1    | 70.6              | 0.098           | 27.59   | 8.0     | 11.7              | 0.023           | 6.37           | 10.1   | 14.8             | 0.013          | 3.53   | Normal            |
| 06  | 8.7   | 46.5    | 68.2              | 0.095           | 26.11   | 9.4     | 13.8              | 0.027           | 7.31           | 10.0   | 14.7             | 0.012          | 3.42   | Normal            |
| 07  | 8.6   | 47.2    | 68.7              | 0.096           | 27.26   | 16.3    | 23.7              | 0.046           | 13.10          | 10.0   | 14.6             | 0.012          | 3.52   | Normal            |
| 08  | 8.3   | 51.8    | 73.6              | 0.103           | 36.44   | 10.9    | 15.5              | 0.030           | 10.64          | 10.0   | 14.2             | 0.012          | 4.28   | Normal            |
| 09  | 8.4   | 50.5    | 72.3              | 0.101           | 28.59   | 7.5     | 10.7              | 0.021           | 5.86           | 11.7   | 16.8             | 0.014          | 3.99   | Normal            |
| 10  | inval | Inval   | Inval             | Inval           | Inval   | Inval   | Inval             | Inval           | Inval          | Inval  | Inval            | Inval          | Inval  | Normal            |
| 11  | Inval | Inval   | Inval             | Inval           | invai   | Inval   | Inval             | Inval           | Inval          | Inval  | inval            | Inval          | Inval  | Normal            |
| 12  | Invai | Inval   | Inval             | Inval           | Inval   | Inval   | inval             | Inval           | Inval          | Inval  | Inval            | inval          | Invai  | Normal            |
| 13  | Inval | Inval   | Inval             | Inval           | Inval   | Inval   | Inval             | Inval           | Inval          | Inval  | Inval            | Inval          | Inval  | Normal            |
| 14  | Inval | Inval   | Inval             | Inval           | Inval   | Inval   | Inval             | Inval           | Inval          | inval  | Inval            | Inval          | Inva!  | Normal            |
| 15  | inval | Inval   | Inval             | Inval           | inval   | Inval   | Invai             | Inval           | Inval          | Inval  | invai            | Inval          | Inval  | Normal            |
| 16  | inval | Inval   | Inval             | Inval           | Inval   | Inval   | Inval             | Inval           | Inval          | Inval  | Inval            | Inval          | Invai  | Normal            |
| 17  | Inval | Inval   | Inval             | Inval           | Inval   | Inval   | Inval             | Inval           | Inval          | Inval  | Inval            | Inval          | Inval  | Normal            |
| 18  | invai | inval   | inval             | inval           | Inval   | inval   | Inval             | Inval           | Invai          | Inval  | Inval            | inval          | Inval  | Normal            |
| 19  | inval | Inval   | Inval             | Inval           | Inval   | Inval   | Inval             | Inval           | Inval          | Inval  | inval            | Inval          | Invai  | Normal            |
| 20  | Inval | Inval   | Inval             | Inval           | Inval   | Invai   | Inval             | Inval           | Inval          | Inval  | Inval            | Inval          | Inval  | Normal            |
| 21  | Inval | Inval   | Inval             | Inval           | Inval   | Invai   | Inval             | Inval           | invai          | Inval  | Inval            | Inval          | Inval  | Normal            |
| 22  | Inval | Inval   | Inval             | Inval           | Inval   | Inval   | inval             | Inval           | Inval          | Inval  | inval            | Inval          | Inval  | Normal            |
| 23  | Inval | inval   | Inval             | Inval           | Inval   | inval   | Inval             | Inval           | Inval          | Inval  | Inval            | Inval          | Inval  | Normal            |
| Average<br>Total<br>30-Day Ring<br>365-Day Ring | 8.7   | 47.5    | 69.6              | 0.097<br>0.091  | 277.11  | 10.9    | 16.0              | 0.031<br>0.028  | 88.06<br>61500 | 10.2   | 15.0             | 0.013          | 36.2   |                   |

Colmac Energy NOx lb/hr 3-Hr Rolling Excess Emissions for 12/11/2019

| Parameter              | Start              | End     | Duration                              | Value | Min  | Max  | Limit | Reason        | Action |
|------------------------|--------------------|---------|---------------------------------------|-------|------|------|-------|---------------|--------|
| NOx lb/hr 3-Hr Rolling | 12/11/2019 9:00 AM | 9:59 AM | 1 hour                                | 31.0  | 31.0 | 31.0 | 30    | Not specified |        |
| Total                  | 1 hour             |         | · · · · · · · · · · · · · · · · · · · |       |      |      |       |               |        |

1/16/2020

DVP-200003

Director, Air Management Division Attention: A-3-3 U.S. Environmental Protection Agency 75 Hawthorne Street San Francisco, California 94105-3901

Subject: Desert View Power 4th Quarter, Quarterly Emission Report for 2019.

RE:

A-3-1

NSR 4-4-11

SE 87-01

Dear Sir:

In compliance with our permit, enclosed are the following:

- 1) 4th Quarter, Quarterly Emissions Report for 2019 for Desert View Power
  - Emissions summary reports for each permitted pollutant for our two boilers.
  - Excess emissions reports from each of our two CEMS.

This report covers the period from October 01, 2019 to December 30, 2019. 1lf you have questions or comments, please feel free to call me at (916) 596-2503.

Sincerely,

Heath Hildebrand

Heath Hildebrand

Plant Manager Desert View Power

#### Enclosure

cc: Chief, Stationary Source Division

California Air Resources Board

P.O. Box 2815

Sacramento, CA 95814

Air Pollution Control Officer

Attention: Mr. David Jones, AQAC Supervisor

South Coast Air Quality Management District

21865 E. Copley Drive

Diamond Bar, CA 91765-4182

Air Division Director

U.S. Environmental Protection Agency

Attention: AIR-5

75 Hawthorne Street

San Francisco, California 94105-3901

## EMISSIONS SUMMARIES

## BOILER #1

CO Ib/hr

CO ppm

NOx lb/MMBtu

NOx lb/hr

 ${\rm NOx}\ {\rm ppm}$ 

SOx lb/MMBtu.

SOx Ib/hr

SOx ppm

Opacity

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct. 1, 2019 to Dec. 31, 2019

Pollutant: CO

Emissions limitation(s): 13 lbs/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848 hr  $\_$  Emission Summary $^1$ 

- 1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown:

0.0 hr

- b. Control equipment problems:
- 0.0 hr

c. Process problems:

0.0 hr

d. Other known problems:

0.0 hr

e. Unknown problems:

- 0.0 hr
- 2. Total duration of excess emissions:
- 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

### CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - a. Monitor equipment malfunction:

0.0 hr

b. Non-monitor equipment malfunction:c. Quality assurance calibration:

0.0 hr

d. Other known causes:

0.0 hr

e. Unknown causes:

41.0 hr 0.0 hr

2. Total CMS downtime:

41.0 hr

- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.22% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec. 31, 2019

Pollutant: CO

Emissions limitation(s): 231 ppm @ 3% O<sub>2</sub>.

Monitor Manufacturer and Model No.:

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary<sup>1</sup>

| 1. | Durai                | cion | of | excess | emissions | in | reporting | period | due | to: |
|----|----------------------|------|----|--------|-----------|----|-----------|--------|-----|-----|
|    | a. Startup/Shutdown: |      |    |        |           |    |           | 0.0 hr |     |     |

a. Startup/Shutdown: Control equipment problems: b.

0.0 hr

c. Process problems: 0.0 hr

d. Other known problems:

0.0 hr

Unknown problems:

0.0 hr

Total duration of excess emissions: 2.

0.0 hr

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

### CMS Performance Summary<sup>1</sup>

CMS downtime in reporting period due to:

Monitor equipment malfunction: 0.0 hr b.

Non-monitor equipment malfunction: 0.0 hr c.

Quality assurance calibration: 0.0 hr

d. Other known causes: 41.0 hr

e. Unknown causes:

0.0 hr

2. Total CMS downtime:

41.0 hr

(Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 2.22%<sup>2</sup>

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant:  $NO_x$ 

2.

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary<sup>1</sup>

| 1 | . • | Duration | of | excess | emissions | in | reporting | period | due | to: |
|---|-----|----------|----|--------|-----------|----|-----------|--------|-----|-----|
|   |     | - 01     |    | / (2)  |           |    | £ 2       | 1      |     |     |

Startup/Shutdown: 0.0 hr b. Control equipment problems: 0.0 hr c. Process problems: 0.0 hr

d. Other known problems: 0.0 hr Unknown problems:

0.0 hr 2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

Monitor equipment malfunction: 0.0 hr Non-monitor equipment malfunction: b.

0.0 hr c. Quality assurance calibration: 0.0 hr

d. Other known causes: 34.0 hr

Unknown causes: 0.0 hr Total CMS downtime:

34.0 hr (Total CMS downtime) / (Total source operating time) x3. (100%) = % of Total source operating time = 1.84%<sup>2</sup>

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NO<sub>x</sub>

2.

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAT

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

35.0 hr

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary<sup>1</sup>

| 1 | - • | Duration | of | excess   | emissions | in | reporting | period | due | to. |
|---|-----|----------|----|----------|-----------|----|-----------|--------|-----|-----|
|   |     | - O+-    |    | / 01 . 1 |           |    | 1         | I      | ~~~ |     |

|    |                             | 1 |
|----|-----------------------------|---|
| a. | Startup/Shutdown:           | 0.0 hr                                  |
| b. | Control equipment problems: | 0.0 hr                                  |
| C. | Process problems:           | 0.0 hr                                  |
| d. | Other known problems:       | 1.0 hr                                  |
| e. | Unknown problems:           | 0.0 hr                                  |

0.0 hr 2. Total duration of excess emissions: 1.0 hr

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

#### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

|       |                                    | •    |    |
|-------|------------------------------------|------|----|
| a.    | Monitor equipment malfunction:     | 0.0  | hr |
| b.    | Non-monitor equipment malfunction: | 0.0  | hr |
| C.    | Quality assurance calibration:     | 0.0  |    |
| d.    | Other known causes:                | 35.0 | hr |
| e.    | Unknown causes:                    | 0.0  |    |
| Total | L CMS downtime:                    | 35.0 |    |

3. (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 1.89%<sup>2</sup>

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NO<sub>x</sub>

Emissions limitation(s): 94 ppm @ 3%  $O_2$ .

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary<sup>1</sup>

| 1 | - • | Duration | of | excess | emissions | in | reporting | period | due | to: |
|---|-----|----------|----|--------|-----------|----|-----------|--------|-----|-----|
|   |     | o 0+     |    | /01 1  |           |    | r         | _ I    | ~~~ |     |

a. Startup/Shutdown:

b. Control equipment problems:

c. Process problems:

d. Other known problems:

0.0 hr

0.0 hr

0.0 hr

e. Unknown problems: 0.0 hr

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunction: 0.0 hrb. Non-monitor equipment malfunction: 0.0 hr

c. Quality assurance calibration: 0.0 hr

d. Other known causes: 34.0 hr

e. Unknown causes:

O.0 hr

2. Total CMS downtime: 34.0 hr
3. (Total CMS downtime) / (Total source operating time) x
 (100%) = % of Total source operating time =1.89 % 2

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant:  $SO_x$ 

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAT

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary<sup>1</sup>

| 1. | Durat | tion | of       | excess | emissions | in | reporting | period | due | to: |
|----|-------|------|----------|--------|-----------|----|-----------|--------|-----|-----|
|    | a.    | ctup | o/Shutdo | own:   |           |    | 0.0 hr    |        |     |     |

Startup/Shutdown: Control equipment problems: b.

0.0 hr

c. Process problems:

0.0 hr0.0 hr

Other known problems: d.

Unknown problems:

0.0 hr

Total duration of excess emissions:

0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

Monitor equipment malfunction: 0.0 hr

b. Non-monitor equipment malfunction: 0.0 hr

Quality assurance calibration: 0.0 hr

Other known causes: Unknown causes:

34.0 hr

Total CMS downtime:

0.0 hr

2. 34.0 hr 3. (Total CMS downtime) / (Total source operating time) x

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SO.

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary<sup>1</sup>

| 1 | . • | Duration | οf | excess  | emissions | in | reporting | period | due | to. |
|---|-----|----------|----|---------|-----------|----|-----------|--------|-----|-----|
|   |     | a 0+     |    | (01 . 1 |           |    | 1 9       | FOLLOG | auc | CO. |

Startup/Shutdown:

0.0 hr Control equipment problems: b. 0.0 hr

Process problems: 0.0 hr d. Other known problems: 0.0 hr

Unknown problems: 0.0 hr

2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00% <sup>2</sup>

CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

Monitor equipment malfunction: 0.0 hr b.

Non-monitor equipment malfunction: 0.0 hr C.

Quality assurance calibration: 0.0 hr

Other known causes: d. 35.0 hr Unknown causes:

0.0 hr

Total CMS downtime: 35.0 hr

3. (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 1.89 %  $^{2}$ 

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SOx

2.

Emissions limitation(s): 27 ppm @  $3\% O_2$ .

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary<sup>1</sup>

| 1. | Duration | of | excess | emissions | in | reporting | neriod | duo | + ~ • |
|----|----------|----|--------|-----------|----|-----------|--------|-----|-------|
|    | a C+     |    | / (2)  |           |    | roporcing | PCTTOU | uue | LO.   |

a. Startup/Shutdown:

b. Control equipment problems:

C. Process problems:

c. Process problems:d. Other known problems:0.0 hr0.0 hr

e. Unknown problems: 0.0 hr
Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions: 0.0 hr
time x 100% = % of Total source operating time = 0.00% 2

#### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunction: 0.0 hr
 b. Non-monitor equipment malfunction: 0.0 hr
 c. Quality assurance calibration: 0.0 hr

c. Quality assurance calibration: 0.0 hrd. Other known causes: 34.0 hr

e. Unknown causes:

0.0 hr

2. Total CMS downtime:

34.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.84 % <sup>2</sup>

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: Opacity

Emissions limitation(s): 10% 3-min period. 20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330

Opacity-Monitor Labs Inc.

LightHawk 560

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848 hr or

110,880 minutes

Emission Summary<sup>1</sup>

- 1. Duration of excess emissions in reporting period due to:
  - a. Startup/Shutdown:

0 min

b. Control equipment problems:

0 min

c. Process problems:

0 min

d. Other known problems:

0 min

e. Unknown problems:

0 min

2. Total duration of excess emissions:

0 min

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

0 min

a. Monitor equipment malfunction:b. Non-monitor equipment malfunction:

0 min

c. Quality assurance calibration:
d. Other known causes:

0 min

d. Other known causes:
e. Unknown causes:

306 min 0 min

2. Total CMS downtime:

306 min

- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.2760% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours.
     For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

## EMISSIONS SUMMARIES

## BOILER #2

CO lb/hr

 ${
m CO}~{
m ppm}$ 

NOx lb/MMBtu

NOx lb/br

NOx ppm

SOx lb/MMBtu

SOx lb/br

 ${\rm SOx}\ {\rm ppm}$ 

Opacity

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: CO

Emissions limitation(s): 13 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

> power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr Emission Summary<sup>1</sup>

- Duration of excess emissions in reporting period due to: 1.
  - Startup/Shutdown:

0.0 hr

- b. Control equipment problems:
- 0.0 hr

Process problems:

0.0 hr

Other known problems:

0.0 hr

Unknown problems:

- Total duration of excess emissions: 2.
- $0.0 \, hr$
- 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% 2

### CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - 0.0 hr
  - Monitor equipment malfunction: b. Non-monitor equipment malfunction:
- 0.0 hr
- Quality assurance calibration:
- 0.0 hr

Other known causes: Unknown causes:

60.7(c) shall be submitted.

35.0 hr

2. Total CMS downtime:

e.

 $0.0 \, \mathrm{hr}$ 

3.

- 35.0 hr
- (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.71%<sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: CO

Emissions limitation(s): 231 ppm @  $3\% O_2$ .

Monitor Manufacturer and Model No.: CAT

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary<sup>1</sup>

| 1. | Dura                 | tion d | of | excess | emissions | in | reporting | period | due | to: |
|----|----------------------|--------|----|--------|-----------|----|-----------|--------|-----|-----|
|    | a. Startup/Shutdown: |        |    |        |           |    |           | ).0 hr |     |     |

Control equipment problems: 0.0 hr Process problems: c. 0.0 hr Other known problems: 0.0 hr

Unknown problems: 0.0 hr

2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00% 2

#### CMS Performance Summary<sup>1</sup>

- CMS downtime in reporting period due to: 1.
  - Monitor equipment malfunction: 0.0 hr b.
  - Non-monitor equipment malfunction: 0.0 hr
  - c. Quality assurance calibration: 0.0 hr
  - Other known causes: d. 31.0 hr e. Unknown causes: 0.0 hr
- 2. Total CMS downtime: 31.0 hr
- (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.51% <sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NO<sub>x</sub>

2.

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAl

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summarv<sup>1</sup>

| 1. | Duration | of | excess | emissions | in | reporting | period | due | to.   |
|----|----------|----|--------|-----------|----|-----------|--------|-----|-------|
|    | ~ .      |    | 1      |           |    | I 9       | POLLOG | auc | C O . |

a. Startup/Shutdown:

b. Control equipment problems:

c. Process problems:

d. Other known problems:

0.0 hr

0.0 hr

e. Unknown problems: 0.0 hr
Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunction: 0.0 hr
b. Non-monitor equipment malfunction: 0.0 hr
c. Quality assurance calibration: 0.0 hr
d. Other known causes: 26.0 hr
e. Unknown causes: 0.0 hr

e. Unknown causes: 0.0 hr
Total CMS downtime: 26.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.27% <sup>2</sup>

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NO<sub>x</sub>

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary<sup>1</sup>

| 1. | Duration | of | excess | emissions | in | reporting | period | due | to: |
|----|----------|----|--------|-----------|----|-----------|--------|-----|-----|
|    | - 01     |    | / ( )  |           |    |           | 1      |     |     |

a. Startup/Shutdown: 0.0 hr b. Control equipment problems: 0.0 hr

c. Process problems:d. Other known problems:0.0 hr0.0 hr

Unknown problems: 0.0 hr

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% 2

### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunction: 0.0 hr
b. Non-monitor equipment malfunction: 0.0 hr

b. Non-monitor equipment malfunction: 0.0 hr
c. Ouality assurance calibration: 0.0 hr

c. Quality assurance calibration: 0.0 hr d. Other known causes: 28.0 hr

d. Other known causes: 28.0 hr
e. Unknown causes: 0.0 hr

e. Unknown causes: 0.0 hr 2. Total CMS downtime: 28.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.37% <sup>2</sup>

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NO.

Emissions limitation(s): 94 ppm @ 3% O<sub>2</sub>.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summarv<sup>1</sup>

| - 1 |   | Duration | ~ ~ |        |           |    | <del></del> |         |     |           |
|-----|---|----------|-----|--------|-----------|----|-------------|---------|-----|-----------|
| 7   | • | Duration | OT  | excess | emissions | in | reporting   | neriod  | dua | +0.       |
|     |   |          |     |        |           |    | TOPOT CTIIG | NOT TOU | uuc | ( · ( ) · |

Startup/Shutdown: 0.0 hr b. Control equipment problems: 0.0 hr c. Process problems: 0.0 hr

d. Other known problems: 0.0 hr e. Unknown problems: 0.0 hr

Total duration of excess emissions: 2. 0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.10% <sup>2</sup>

### CMS Performance Summary<sup>1</sup>

CMS downtime in reporting period due to: 1.

Monitor equipment malfunction: 0.0 hr Non-monitor equipment malfunction:

0.0 hr Quality assurance calibration: 0.0 hr

Other known causes: 26.0 hr

Unknown causes: 0.0 hr

2. Total CMS downtime: 26.0 hr 3.

(Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 1.27% <sup>2</sup>

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SO<sub>x</sub>

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary<sup>1</sup>

| 1. | Duration | οf    | excess      | emissions | in | reporting | period   | due | to. |
|----|----------|-------|-------------|-----------|----|-----------|----------|-----|-----|
|    | 2 C+ 2:  | v+112 | a /Chi+ ala |           |    | 1         | Politica | auc |     |

a. Startup/Shutdown:

b. Control equipment problems:

c. Process problems:

d. Other known problems:

0.0 hr

0.0 hr

Unknown problems: 0.0 hr

2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunction: 0.0 hr
b. Non-monitor equipment malfunction: 0.0 hr
c. Quality assurance calibration: 0.0 hr

d. Other known causes:

0.0 hr

e. Unknown causes: 0.0 hr 2. Total CMS downtime: 26.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.27% <sup>2</sup>

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SO<sub>x</sub>

2.

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary<sup>1</sup>

| 1. | Duration of | excess | emissions | in | reporting | period | due | to: |
|----|-------------|--------|-----------|----|-----------|--------|-----|-----|
|    | C+ 2 22+ 11 |        |           |    |           | · • ·  |     |     |

a. Startup/Shutdown:

b. Control equipment problems:

c. Process problems:

d. Other known problems:

e. Unknown problems:

0.0 hr

0.0 hr

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% 2

CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunction: 0.0 hr b. Non-monitor equipment malfunction: 0.0 hr c. Quality assurance calibration: 0.0 hr d. Other known causes: 28.0 hr e. Unknown causes: 0.0 hr

e. Unknown causes: 0.0 hr
Total CMS downtime: 28.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.37% <sup>2</sup>

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SO<sub>x</sub>

2.

Emissions limitation(s): 27 ppm @ 3%  $O_2$ .

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

\_Emission Summary<sup>1</sup>

| 1 | - • | Duratio | on of | excess      | emissions | in | reporting | period | due | to. |
|---|-----|---------|-------|-------------|-----------|----|-----------|--------|-----|-----|
|   |     | ~ C+    |       | - / (2)   1 |           |    | 1 9       | PULLUA | auc | co. |

a. Startup/Shutdown:

b. Control equipment problems:

C. Process problems:

0.0 hr

e. Unknown problems:

Total duration of excess emissions:

0.0 hr
0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

### CMS Performance Summary<sup>1</sup>

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunction: 0.0 hrb. Non-monitor equipment malfunction: 0.0 hr

c. Quality assurance calibration: 0.0 hr

d. Other known causes: 26.0 hr

e. Unknown causes:

7. Total CMS downtime:

0.0 hr
26.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.27% <sup>2</sup>

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019 Pollutant: Opacity

Emissions limitation(s): 10% 3-min period. 20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330

Opacity-Monitor Labs Inc.

LightHawk 560

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr or 123,000 minutes

Emission Summary<sup>1</sup>

- Duration of excess emissions in reporting period due to: 1.
  - Startup/Shutdown:

0 min

- Control equipment problems: b.
- 0 min

C. Process problems:

0 min

Other known problems: d.

0 min

Unknown problems:

- 2. Total duration of excess emissions:
- 0 min

- 0 min
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% <sup>2</sup>

CMS Performance Summary<sup>1</sup>

- 1. CMS downtime in reporting period due to:
  - Monitor equipment malfunction:
  - Non-monitor equipment malfunction: b.

0 min 0 min

c. Quality assurance calibration: Other known causes:

0 min 306 min

Unknown causes:

0 min

Total CMS downtime:

2.

306 min

- (Total CMS downtime) / (Total source operating time) x3. (100%) = % of Total source operating time = 0.2488%<sup>2</sup>
  - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

## EMISSIONS DOWNTIME REPORT BOILER #1 CEMS

Colmac Energy
NOx ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter      | Start               | End      | Duration | Reason                              | Action   |
|----------------|---------------------|----------|----------|-------------------------------------|--|
| NOx ppm @3% O2 | 10/5/2019 11:00 PM  | 11;59 PM | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx ppm @3% O2 | 10/8/2019 8:00 PM   | 11:59 PM | 4 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx ppm @3% O2 | 10/9/2019 12:00 AM  | 12:59 AM | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx ppm @3% O2 | 10/27/2019 11:00 AM | 1:59 PM  | 3 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx ppm @3% O2 | 11/4/2019 10:00 PM  | 11:59 PM | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| NOx ppm @3% O2 | 11/5/2019 12:00 AM  | 1:59 AM  | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service. |
| NOx ppm @3% O2 | 11/8/2019 8:00 AM   | 8:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx ppm @3% O2 | 11/9/2019 5:00 AM   | 6:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| NOx ppm @3% O2 | 11/23/2019 12:00 AM | 5:59 AM  | 6 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.         |
| Ta             | tal duration        |          |          |                                     |  |

Total duration

Colmac Energy NOx lb/mmBtu CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter    | Start               | End      | Duration | Reason                              | Action  |
|--------------|---------------------|----------|----------|-------------------------------------|---|
| NOx lb/mmBtu | 10/5/2019 11:00 PM  | 11:59 PM | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.        |
| NOx lb/mmBtu | 10/8/2019 8:00 PM   | 11:59 PM | 4 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.        |
| NOx lb/mmBtu | 10/9/2019 12:00 AM  | 12:59 AM | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.        |
| NOx lb/mmBtu | 10/27/2019 11:00 AM | 1:59 PM  | 3 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.        |
| NOx lb/mmBtu | 11/4/2019 10:00 PM  | 11:59 PM | 2 hours  | Lost communication to CEM.          | Communication re-established CEM back in service. |
| NOx lb/mmBtu | 11/5/2019 12:00 AM  | 1:59 AM  | 2 hours  | Lost communication to CEM.          | Communication re-established CEM back in service. |
| NOx lb/mmBtu | 11/8/2019 8:00 AM   | 8:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.        |
| NOx lb/mmBtu | 11/9/2019 5:00 AM   | 6:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.        |
| NOx lb/mmBtu | 11/23/2019 12:00 AM | 5:59 AM  | 6 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.        |

Total duration

### Colmac Energy NOx lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter | Start               | End      | Duration | Reason                              | Action   |  |
|-----------|---------------------|----------|----------|-------------------------------------|--|--|
| NOx lb/hr | 11/4/2019 10:00 PM  | 11:59 PM | 2 hours  | Lost communication to CEM.          | Communication re-established,                                    |  |
| NOx lb/hr | 11/5/2019 12:00 AM  | 1:59 AM  | 2 hours  | Lost communication to CEM.          | CEM back in service.  Communication re-established,              |  |
| NOx lb/hr | 11/8/2019 8:00 AM   | 8:59 AM  | 1 hour   | CEM out of service for maintenance. | CEM back in service.  Maintenance complete, CEM back in service. |  |
| NOx lb/hr | 11/9/2019 5:00 AM   | 6:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.                       |  |
| NOx lb/hr | 11/23/2019 12:00 AM | 7:59 AM  | 8 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.                       |  |
| NOx lb/hr | 12/5/2019 3:00 AM   | 3:59 AM  | 1 hour   | Boiler Offline                      | Dack III Service.  |  |
|           | Total duration      |          | 10.1     |                                     |  |  |

Total duration

Colmac Energy SO2 ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter                        | Start               | End      | Duration | Reason                              | Action   |
|----------------------------------|---------------------|----------|----------|-------------------------------------|--|
| SO2 ppm @3% O2                   | 10/5/2019 11:00 PM  | 11:59 PM | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM                                    |
| SO2 ppm @3% O2                   | 10/8/2019 8:00 PM   | 11:59 PM | 4 hours  | CEM out of service for maintenance. | back in service.  Maintenance complete, CEM back in service. |
| SO2 ppm @3% O2                   | 10/9/2019 12:00 AM  | 12:59 AM | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.                   |
| SO2 ppm @3% O2                   | 10/27/2019 11:00 AM | 1:59 PM  | 3 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.                   |
| SO2 ppm @3% O2<br>SO2 ppm @3% O2 | 11/4/2019 10:00 PM  | 11:59 PM | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service.           |
| SO2 ppm @3% O2                   | 11/5/2019 12:00 AM  | 1:59 AM  | 2 hours  | Lost communication to CEM.          | Communication re-established, CEM back in service.           |
| 602 ppm @3% 02                   | 11/8/2019 8:00 AM   | 8:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.                   |
| SO2 ppm @3% O2                   | 11/9/2019 5:00 AM   | 6:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.                   |
|                                  | 11/23/2019 12:00 AM | 5:59 AM  | 6 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.                   |
| To                               | stal duration       |          |          |                                     |  |

Total duration

Colmac Energy SO2 lb/mmBtu CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter    | Start               | End      | Duration | Reason                              | Action  |
|--------------|---------------------|----------|----------|-------------------------------------|---|
| SO2 lb/mmBtu | 10/5/2019 11:00 PM  | 11:59 PM | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.        |
| SO2 lb/mmBtu | 10/8/2019 8:00 PM   | 11:59 PM | 4 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.        |
| SO2 lb/mmBtu | 10/9/2019 12:00 AM  | 12:59 AM | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.        |
| SO2 lb/mmBtu | 10/27/2019 11:00 AM | 1:59 PM  | 3 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.        |
| SO2 lb/mmBtu | 11/4/2019 10:00 PM  | 11:59 PM | 2 hours  | Lost communication to CEM.          | Communication re-established CEM back in service. |
| SO2 lb/mmBtu | 11/5/2019 12:00 AM  | 1:59 AM  | 2 hours  | Lost communication to CEM.          | Communication re-established CEM back in service. |
| SO2 lb/mmBtu | 11/8/2019 8:00 AM   | 8:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.        |
| SO2 lb/mmBtu | 11/9/2019 5:00 AM   | 6:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.        |
| SO2 lb/mmBtu | 11/23/2019 12:00 AM | 5:59 AM  | 6 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.        |

Total duration 22 hours

Colmac Energy SO2 lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter | Start               | End      | Duration | Reason                              | Action  |
|-----------|---------------------|----------|----------|-------------------------------------|---|
| SO2 lb/hr | 11/4/2019 10:00 PM  | 11:59 PM | 2 hours  | Lost communication to CEM.          | Communication re-established CEM back in service. |
| SO2 lb/hr | 11/5/2019 12:00 AM  | 1:59 AM  | 2 hours  | Lost communication to CEM.          | Communication re-established CEM back in service. |
| SO2 lb/hr | 11/8/2019 8:00 AM   | 8:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service.        |
| SO2 lb/hr | 11/9/2019 5:00 AM   | 6:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.        |
| SO2 lb/hr | 11/23/2019 12:00 AM |          | 8 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service.        |
| SO2 lb/hr | 12/5/2019 3:00 AM   | 3:59 AM  | 1 hour   | Boiler Offline                      | · · · · - <del>- ·</del>                          |

Total duration

Colmac Energy CO ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter                      | Start                                   | End                | Duration          | Reason   | A a4:   |
|--------------------------------|---|--------------------|-------------------|--|---|
| CO ppm @3% O2                  | 10/5/2019 11:00 PM                      | 11:59 PM           |                   |  | Action  |
| CO ppm @3% O2                  | 10/8/2019 8:00 PM                       | 11:59 PM           | 1 hour<br>4 hours | CEM out of service for<br>maintenance.<br>CEM out of service for | Maintenance complete, CEM back in service.  Maintenance complete, CEM |
| CO ppm @3% O2                  | 10/9/2019 12:00 AM                      | 12:59 AM           | 1 hour            | maintenance. CEM out of service for maintenance.                 | back in service.  Maintenance complete, CEM back in service.          |
| CO ppm @3% O2                  | 10/27/2019 11:00 AM                     |                    | 4 hours           | CEM out of service for maintenance.                              | Maintenance complete, CEM back in service.                            |
| CO ppm @3% O2<br>CO ppm @3% O2 | 11/4/2019 10:00 PM                      | 11:59 PM           | 2 hours           | Lost communication to CEM.                                       | Communication re-established, CEM back in service.                    |
| CO ppm @3% O2                  | 11/5/2019 12:00 AM<br>11/8/2019 8:00 AM | 1:59 AM<br>8:59 AM | 2 hours           | Lost communication to CEM.                                       | Communication re-established, CEM back in service.                    |
| CO ppm @3% O2                  | 11/9/2019 5:00 AM                       | 6:59 AM            | 1 hour            | CEM out of service for maintenance.                              | Maintenance complete, CEM back in service.                            |
| CO ppm @3% O2                  | 44/00/00 00 00 00                       | 7:59 AM            | 2 hours           | CEM out of service for maintenance.                              | Maintenance complete, CEM back in service.                            |
| CO ppm @3% O2                  | 11/23/2019 9:00 AM                      | 9:59 AM            | 8 hours           | CEM out of service for maintenance.                              | Maintenance complete, CEM back in service.                            |
|                                |   | J.JJ AW            | 1 hour            | CEM out of service for<br>maintenance.                           | Maintenance complete, CEM back in service.                            |

Total duration

## Colmac Energy CO lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter | Start                 | End      | Duration | Reason                              |  |
|-----------|-----------------------|----------|----------|-------------------------------------|--|
| CO lb/hr  | 10/27/2010 0.00 511   |          | Duration | Reason                              | Action                                     |
|           | 10/27/2019 2:00 PM    | 2:59 PM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM                  |
| CO lb/hr  | 11/4/2019 10:00 PM    | 11:59 PM | 2 hours  |                                     | back in service.                           |
|           |                       |          | 2 110015 | Lost communication to CEM.          | Communication re-established               |
| CO lb/hr  | 11/5/2019 12:00 AM    | 1:59 AM  | 0.1      |                                     | CEM back in service.                       |
|           | 12.00711              | 1.55 AW  | 2 hours  | Lost communication to CEM.          | Communication re-established               |
| CO lb/hr  | 11/8/2019 8:00 AM     | 8:59 AM  |          |                                     | CEM back in service.                       |
|           | 1 170720 10 0,00 AIVI | 0.59 AW  | 1 hour   | CEM out of service for              | Maintenance complete, CEM                  |
| CO lb/hr  | 11/9/2019 5:00 AM     | 0.50 444 |          | maintenance.                        | back in service.                           |
|           | 11/9/2019 5.00 AIVI   | 6:59 AM  | 2 hours  | CEM out of service for              | Maintenance complete, CEM                  |
| CO lb/hr  | 11/22/2010 10 00 11   |          |          | maintenance.                        | back in service.                           |
| 15.111    | 11/23/2019 12:00 AM   | 7:59 AM  | 8 hours  | CEM out of service for              | Maintenance complete, CEM                  |
| CO lb/hr  | 44/00/0040 0 00       |          |          | maintenance.                        | back in service.                           |
| JO 10/111 | 11/23/2019 9:00 AM    | 9:59 AM  | 1 hour   | CEM out of service for              |  |
|           |                       |          |          | maintenance.                        | Maintenance complete, CEM back in service. |
|           | Total duration        |          | 17 hours |                                     |  |

## EMISSIONS DOWNTIME REPORT BOILER #2 CEMS

### Colmac Energy NOx ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter       | Start               | End      | B        |  |  |
|-----------------|---------------------|----------|----------|--|--|
|                 |                     | Enu      | Duration | Reason                                 | Action                                     |
| NOx ppm @3% O2  | 10/17/2019 7:00 PM  | 7:59 PM  | 1 hour   | CEM out of service for                 | Maintenance complete, CEN                  |
| NOx ppm @3% O2  | 11/3/2019 6:00 AM   | 6:59 AM  | 4.1      | maintenance.                           | back in service.                           |
| •               |                     | 0.59 AW  | 1 hour   | CEM out of service for<br>maintenance. | Maintenance complete, CEN back in service. |
| NOx ppm @3% O2  | 11/9/2019 3:00 PM   | 11:59 PM | 9 hours  | CEM out of service for                 |  |
| NOv ==== 00% 00 | 444404000000000     |          |          | maintenance.                           | Maintenance complete, CEN back in service. |
| NOx ppm @3% O2  | 11/10/2019 12:00 AM | 12:59 PM | 13 hours | CEM out of service for                 | Maintenance complete, CEM                  |
| NO: 80% 00      |                     |          |          | maintenance.                           | back in service.                           |
| NOx ppm @3% O2  | 11/27/2019 1:00 AM  | 2:59 AM  | 2 hours  | CEM out of service for maintenance.    | Maintenance complete, CEM back in service. |
| To              | otal duration       |          |          |  |  |

### Colmac Energy NOx lb/mmBtu CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter    | Start               | End      | Duration | Reason                              | Action                                     |
|--------------|---------------------|----------|----------|-------------------------------------|--|
| NOx lb/mmBtu | 10/17/2019 7:00 PM  | 7:59 PM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| NOx lb/mmBtu | 11/3/2019 6:00 AM   | 6:59 AM  | 1 hour   | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| NOx lb/mmBtu | 11/9/2019 3:00 PM   | 11:59 PM | 9 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| NOx lb/mmBtu | 11/10/2019 12:00 AM | 12:59 PM | 13 hours | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
| NOx lb/mmBtu | 11/27/2019 1:00 AM  | 2:59 AM  | 2 hours  | CEM out of service for maintenance. | Maintenance complete, CEM back in service. |
|              | Total duration      |          | 26 hours |                                     |  |

Colmac Energy NOx lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter    | Start                 | End                          | Duration | Description                |                               |
|--------------|-----------------------|------------------------------|----------|----------------------------|-------------------------------|
| NOx lb/hr    | 4.4.4.4               |                              | Duration | Reason                     | Action                        |
| NOX ID/NF    | 11/4/2019 10:00 PM    | 11:59 PM                     | 2 hours  | Lost communication to CEM. | Communication re-established  |
| NOx lb/hr    | 11/5/2019 12:00 AM    | 1:59 AM                      | 2 hours  | 1 - 1                      | CEM back in service.          |
|              |                       | 1.00 /(10)                   | 2 nours  | Lost communication to CEM. | Communication re-established, |
| NOx lb/hr    | 11/9/2019 5:00 AM     | 6:59 AM                      | 0.6      |                            | CEM back in service.          |
| ·            |                       | 0.03 AW                      | 2 hours  | CEM out of service for     | Maintenance complete, CEM     |
| NOx lb/hr    | 11/9/2019 3:00 PM     | 11:59 PM                     | •        | maintenance.               | back in service.              |
|              | 1 170/2010 0:001 101  | 11.39 FW                     | 9 hours  | CEM out of service for     | Maintenance complete, CEM     |
| NOx lb/hr 11 | 11/10/2010 12:00 444  | 11/10/2019 12:00 AM 12:59 PM | 13 hours | maintenance.               | back in service.              |
|              | 11/10/2019 12.00 AIVI |                              |          | CEM out of service for     | Maintenance complete, CEM     |
|              |                       |                              |          | maintenance.               | back in service.              |
|              | Total duration        |                              | 00.1     |                            |                               |

lotal duration

### Colmac Energy SO2 ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter      | Start               | End      | Duration | Reason                                 | A a 4: a                                   |
|----------------|---------------------|----------|----------|--|--|
| SO2 ppm @3% O2 | 10/17/2019 7:00 PM  | 7:59 PM  |          |  | Action                                     |
|                |                     |          | 1 hour   | CEM out of service for<br>maintenance. | Maintenance complete, CEN back in service. |
| SO2 ppm @3% O2 | 11/3/2019 6:00 AM   | 6:59 AM  | 1 hour   | CEM out of service for<br>maintenance. | Maintenance complete, CEM back in service. |
| SO2 ppm @3% O2 | 11/9/2019 3:00 PM   | 11:59 PM | 9 hours  | CEM out of service for<br>maintenance. | Maintenance complete, CEM back in service. |
| SO2 ppm @3% O2 | 11/10/2019 12:00 AM | 12:59 PM | 13 hours | CEM out of service for maintenance.    | Maintenance complete, CEM back in service. |
| SO2 ppm @3% O2 | 11/27/2019 1:00 AM  | 2:59 AM  | 2 hours  | CEM out of service for maintenance.    | Maintenance complete, CEM back in service. |
| To             | otal duration       |          | 26 hours |  |  |

## Colmac Energy SO2 lb/mmBtu CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter                         | <u> </u>              |           |          | 7729 19 till 12/01/2019                |  |  |
|-----------------------------------|-----------------------|-----------|----------|--|--|--|
| rarameter                         | Start                 | End       | Duration | Reason                                 | Action                                     |  |
| SO2 lb/mmBtu                      | 10/17/2019 7:00 PM    | 7:59 PM   | 1 hour   | CEM out of service for                 |  |  |
| SO2 lb/mmBtu                      | 11/3/2019 6:00 AM     | 6:59 AM   |          | maintenance.                           | Maintenance complete, CEM back in service. |  |
|                                   | 1 170720 19 0.00 AIVI | 6.59 AW   | 1 hour   | CEM out of service for<br>maintenance. | Maintenance complete, CEM                  |  |
| SO2 lb/mmBtu                      | 11/9/2019 3:00 PM     | 11:59 PM  | 9 hours  | CEM out of service for                 | back in service.                           |  |
| SO2 lb/mmBtu 11/10/2019 12:00 AA/ | 11/10/2019 12:00 AM   | 40.50.50. |          | maintenance.                           | Maintenance complete, CEM back in service. |  |
|                                   | 11/10/2019 12:00 AIVI | 12:59 PM  | 13 hours | CEM out of service for                 | Maintenance complete, CEM                  |  |
| SO2 lb/mmBtu                      | 11/27/2019 1:00 AM    | 2:59 AM   | 2 hours  | maintenance.                           | back in service.                           |  |
|                                   |                       | 2.007111  | 2 nours  | CEM out of service for<br>maintenance. | Maintenance complete, CEM back in service. |  |
|                                   | Total duration        |           | 001      |  |  |  |

Total duration

### Colmac Energy SO2 lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

| Parameter | Start                 | End           | Duration | 5 1110 120 1720 10                     |  |
|-----------|-----------------------|---------------|----------|--|--|
| SO2 lb/hr |                       | 2110          | Duration | Reason                                 | Action                                     |
| SOZ ID/Nr | 11/4/2019 10:00 PM    | 11:59 PM      | 2 hours  | Lost communication to CEM.             | Communication re-established               |
| SO2 lb/hr | 11/5/2019 12:00 AM    | 1:59 AM       | 2 havea  |  | CEM back in service.                       |
|           |                       | 1.00 AW       | 2 hours  | Lost communication to CEM.             | Communication re-established,              |
| SO2 lb/hr | 11/9/2019 5:00 AM     | 6:59 AM       | 2 hours  | 0514                                   | CEM back in service.                       |
|           |                       | 0.007117      | 2 nours  | CEM out of service for<br>maintenance. | Maintenance complete, CEM                  |
| SO2 lb/hr | 11/9/2019 3:00 PM     | 11:59 PM      | 9 hours  |  | back in service.                           |
|           |                       | 11.001 1      | 9 nours  | CEM out of service for                 | Maintenance complete, CEM                  |
| SO2 lb/hr | 11/10/2019 12:00 AM   | 0 AM 12:59 PM | 40.1     | maintenance.                           | back in service.                           |
|           | - 11 10/2010 12:00 AW | 12.35 FIVI    | 13 hours | CEM out of service for<br>maintenance. | Maintenance complete, CEM back in service. |
|           | Total duration        |               | 28 hours |  |  |

Colmac Energy CO ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

| Start              | Fnd   | Duration   |  |   |
|--------------------|---|--|--|---|
|                    |   | Duration   | Reason   | Action  |
|                    | 1:59 PM   | 1 hour   | CEM out of service for maintenance.  | Maintenance complete, CEM back in service.  |
|                    |   | 2 hours  | CEM out of service for maintenance.  | Maintenance complete, CEM back in service.  |
|                    |   | 1 hour   | CEM out of service for maintenance.  | Maintenance complete, CEM back in service.  |
|                    |   |  | CEM out of service for maintenance.  | Maintenance complete, CEM back in service.  |
|                    |   | 13 hours   | CEM out of service for<br>maintenance.   | Maintenance complete, CEM back in service.  |
|                    |   | 1 hour   | CEM out of service for<br>maintenance.   | Maintenance complete, CEM back in service.  |
| 11/2//2019 1:00 AM | 4:59 AIVI   | 4 hours  | CEM out of service for maintenance.  | Maintenance complete, CEM back in service.  |
|                    | 10/16/2019 1:00 PM<br>10/17/2019 7:00 PM<br>11/3/2019 6:00 AM<br>11/9/2019 3:00 PM<br>11/10/2019 12:00 AM<br>11/10/2019 4:00 PM | 10/16/2019 1:00 PM 1:59 PM 10/17/2019 7:00 PM 8:59 PM 11/3/2019 6:00 AM 6:59 AM 11/9/2019 3:00 PM 11:59 PM 11/10/2019 12:00 AM 12:59 PM 11/10/2019 4:00 PM 4:59 PM | 10/16/2019 1:00 PM 1:59 PM 1 hour 10/17/2019 7:00 PM 8:59 PM 2 hours 11/3/2019 6:00 AM 6:59 AM 1 hour 11/9/2019 3:00 PM 11:59 PM 9 hours 11/10/2019 12:00 AM 12:59 PM 13 hours 11/10/2019 4:00 PM 4:59 PM 1 hour | 10/16/2019 1:00 PM         1:59 PM         1 hour         CEM out of service for maintenance.           10/17/2019 7:00 PM         8:59 PM         2 hours         CEM out of service for maintenance.           11/3/2019 6:00 AM         6:59 AM         1 hour         CEM out of service for maintenance.           11/9/2019 3:00 PM         11:59 PM         9 hours         CEM out of service for maintenance.           11/10/2019 12:00 AM         12:59 PM         13 hours         CEM out of service for maintenance.           11/10/2019 4:00 PM         4:59 PM         1 hour         CEM out of service for maintenance.           11/27/2019 1:00 AM         4:59 AM         4 hours         CEM out of service for cell out of service for maintenance. |

Total duration